

## Vortragsarchiv bis 2015

16.12.2015 15:30 *Wall Forum*

**Mikhail Zibrov** (IPP / E2M)

*Determination of hydrogen binding energies with radiation defects in tungsten by the means of thermal desorption spectroscopy: theory and experimental data*

[Slides](#)

16.12.2015 13:15 *Wall Forum*

**Ermile Gaganidze** (KIT)

*Fracture-mechanical behaviour of tungsten alloys*

14.12.2015 12:20 *Edge Physics Forum*

**Juuso Karhunen (via video conference)** (Aalto University)

*Measurement of  $N^+$  flows in the HFS SOL of ASDEX Upgrade with different degrees of inner divertor detachment*

[Slides](#)

9.12.2015 15:30 *Wall Forum*

**Georg Holzner** (IPP / E2M)

*Characterisation of an Advanced Tungsten Fibre-Reinforced Tungsten Composite*

3.12.2015 15:30 *HEPP Seminar*

**Mathias Dibbon**

**Humberto Trimino Mora**

*Research and Development of high speed Gas Valves for Massive Gas Injection at the Tokamak ASDEX Upgrade*

*Acceleration of Bayesian Model Based Data Analysis: Proof of Principle*

1.12.2015 9:00 *Edge Physics Forum*

**Dr. C. Moon** (NIFS)

*Electron Temperature Gradient Instability in Linear Magnetized Plasma*

27.11.2015 10:30 *IPP Institutskolloquium*

**Dr. K. Schmid** (IPP, Garching)

***Bridging the gap between Plasma material interaction laboratory-experiments and the Scrape off layer***

26.11.2015 12:15 ASDEX Upgrade Seminar

**Ondřej Kudláček**

***Real time plasma state monitoring***

25.11.2015 12:45 ASDEX Upgrade Seminar

**Asger Schou Jacobsen** (Technical University of Denmark)

***Velocity-space tomography of the fast-ion distribution function***

23.11.2015 12:30 ASDEX Upgrade Seminar

**Hans Salzmann**

***LIDAR Thomson Scattering for the ITER Core Plasma Revisited***

19.11.2015 15:30 HEPP Seminar

**David Rittich**

**Dusan Milojevic**

***Neutral Beam Current Drive at ASDEX Upgrade***

***Current sheet formation during magnetic reconnection experiments***

17.11.2015 15:00 Tokamakphysik Kaffeeseminar

**Francesco Palermo**

***Global dynamics of geodesic acoustic mode***

16.11.2015 12:30 Tokamakphysik Kaffeeseminar

**Xin Wang**

***Nonlinear dynamics of energetic particle driven Alfvénic fluctuations in Fusion Plasma***

5.11.2015 15:30 HEPP Seminar

**Wei Zhang**

**Humberto Trimino Mora**

***Maximization of ICRF power with local gas puffing in ASDEX Upgrade***

***Acceleration of Bayesian Based Data Analysis: Proof of Principle***

4.11.2015 16:00 ASDEX Upgrade Seminar

**P: Ivo Classen, Diane Demers, Simon Freethy**

***APS Rehearsals***

4.11.2015 15:30 Edge Physics Forum

**Dr. Mattia Siccino** (Max-Planck-Institut für Plasmaphysik)

***Influence of the filamentary transport on divertor and first wall heat load in DEMO***

[Slides](#)

4.11.2015 12:45 ASDEX Upgrade Seminar

**Marco Wischmeier**

***A review on the current status of power and particle exhaust physics: modeling, experiment and open issues***

2.11.2015 12:30 ASDEX Upgrade Seminar

**Stephan Glögler**

***The new P<sub>rad,tot</sub> algorithm***

29.10.2015 15:30 Wall Forum

**Yevhen Zayachuk** (Department of Materials, University of Oxford, Parks Road, Oxford OX1 3PH, UK)

***Local effects of high ion flux deuterium plasma exposure of tungsten***

[Slides](#)

28.10.2015 15:30 Wall Forum

**Klaus Schmid** (IPP / E2M)

***Modeling isotope exchange in tungsten using fill level dependent trapping***

[Slides](#)

28.10.2015 12:30 Core Physics Forum

**Bob Mumgaard**

***Engineering the Alcator C-Mod MSE diagnostic: Solutions to Reactor Relevant Diagnostic Challenges***

[Slides](#)

26.10.2015 12:20 ASDEX Upgrade Seminar

**Jean-Marie Noterdaeme**

***Innovations that make Ion Cyclotron Range of Frequency Power suitable for Use in Fusion Reactors***

23.10.2015 10:30 IPP Institutskolloquium

**Prof. Dr. N. Thürey** (Technical University Munich (TUM))

***Virtual and Real Flows for Digital Special Effects***

20.10.2015 12:30 Tokamakphysik Kaffeeseminar

**Panagiotis Zestanakis** (National Technical University Athens)

***Orbital Spectrum Analysis of Non-Axisymmetric Perturbations of the Guiding-Center Particle Motion in Axisymmetric Equilibria***

19.10.2015 12:15 ASDEX Upgrade Seminar

**Xi Chen**

***Light Ion Beam Probe (LIBP) Technique***

16.10.2015 12:30 ASDEX Upgrade Seminar

**Matthias Willensdorfer**

***3D Effects and plasma response measurements of non-axisymmetric magnetic perturbations on ASDEX Upgrade via ECE***

16.10.2015 10:30 IPP Institutskolloquium

**Glen Wurden** (Los Alamos National Laboratory)

***Fusion Rockets for Planetary Defense***

14.10.2015 16:00 ASDEX Upgrade Seminar

**multiple posters**

***Rehearsals: 15th H-Mode Workshop***

14.10.2015 15:30 Edge Physics Forum

**Bsc. Nils Leuthold** (Max-Planck-Institut für Plasmaphysik / Universität Bayreuth)

***Influence of the plasma pedestal parameters on ELM mitigation at low density plasmas***  
[Slides](#)

14.10.2015 13:00 ASDEX Upgrade Seminar

**Dunne, Willensdorfer, Frassinetti**

***Rehearsals: 15th H-Mode Workshop***

13.10.2015 13:00 Tokamakphysik Kaffeeseminar

**Bruce Scott**

***On nonlinear dynamics in the tokamak edge***

12.10.2015 14:00 Wall Forum

**Barbara Wielunska** (IPP / E2M)

***Optimization of the Depth Resolution in Deuterium Depth Profiling up to Large Depths***  
[Slides](#)

12.10.2015 12:30 ASDEX Upgrade Seminar

**Ryter, Cavedon, Lang**

***Rehearsals: 15th H-Mode Workshop***

12.10.2015 11:00 Tokamakphysik Kaffeeseminar

**Harold Weitzner** (Courant Institute NYU)

***Ideal MHD Non-Symmetric Equilibria with Good Surfaces?***

7.10.2015 15:30 Wall Forum

**Marwa Ben Yaala** (University of Basel)

***Plasma activated catalytic formation of ammonia in H<sub>2</sub>/N<sub>2</sub>-plasmas on W surface***

[Slides](#)

6.10.2015 12:15 ASDEX Upgrade Seminar

**R. J. Goldston**

***The Lithium Vapor Box Divertor***

[Slides](#)

30.9.2015 12:30 Tokamakphysik Kaffeeseминаr

**Andreas Stegmeir**

***The field line map approach to plasma turbulence simulations***

29.9.2015 13:00 Tokamakphysik Kaffeeseминаr

**Hauke Doerk**

***Turbulence stabilisation due to high beta and fast ions in high performance plasmas at ASDEX Upgrade and JET***

16.9.2015 14:00 ASDEX Upgrade Seminar

**Bill Heidbrink**

***DIII-D measurements of a critical gradient for fast-ion transport by many Alfvén eigenmodes***

16.9.2015 12:45 Edge Physics Forum

**Lingyan Xiang** (IPP Garching / ASIPP China)

***Experimental and Modelling results of Impurity Seeding with Argon in EAST and ASDEX Upgrade***

[Slides](#)

14.9.2015 12:15 ASDEX Upgrade Seminar

**Baonian Wan** (Institute of Plasma Physics Chinese Academy Of Sciences)

***Overview of Research Activities at ASIPP***

8.9.2015 13:15 Tokamakphysik Kaffeeseминаr

**Francois Orain**

***Modelling of the plasma response to RMPs in ASDEX Upgrade: towards quantitative predictions for ELM mitigation with JOREK***

8.9.2015 12:15 ASDEX Upgrade Seminar

**Wilkie Choi**

*Statistical Analysis of 2/1 locked modes with rotating precursors at DIII-D*

2.9.2015 13:30 ASDEX Upgrade Seminar

**Matthias Bernert**

*Rehearsel IAEA TM DC: High radiation scenarios in pronounced detached divertor conditions at ASDEX Upgrade*

27.8.2015 14:00 Tokamakphysik Kaffeeseминаr

**Pierre Manas** (Université Aix-Marseille)

*Gyrokinetic modelling of turbulent carbon transport in JET-C baseline and hybrid H-modes*

27.8.2015 12:15 ASDEX Upgrade Seminar

**Horvarth, Garcia-Munoz, multiple posters**

*Rehearsals for the IAEA TM Energetic Particles*

26.8.2015 13:30 ASDEX Upgrade Seminar

**Schneider, Rasmussen, Hopf, Zhang**

*MST1 Task Force Meeting - IAEA TM EP rehearsals*

26.8.2015 11:00 Tokamakphysik Kaffeeseминаr

**X. Wang, A. Biancalani, M.Cole**

*Structure of wave-particle interactions in nonlinear Alfvénic fluctuation dynamics \*\*\*\*\* Non-perturbative nonlinear interplay of Alfvén modes and energetic ions \*\*\*\*\* Progress in nonlinear gyrokinetic simulations of global modes (remote from Greifswald)*

11.8.2015 12:30 Tokamakphysik Kaffeeseминаr

**Andreas Bierwage**

*Modelling and simulation of ECH induced multiple flux tubes in KSTAR core plasma*

31.7.2015 9:00 HEPP Seminar

**Reiner Stenzel** (UCLA)

*tba*

30.7.2015 14:30 Wall Forum

**Valentina Paneta** (NCSR "Demokritos" and National Technical University of Athens, Greece)

*Basic data for IBA, methodology and applications (Application for Postdoc position)*

[Slides](#)

30.7.2015 9:00 HEPP Seminar

**Reiner Stenzel** (UCLA)

*Lower Hybrid Turbulence in High Beta Plasmas*

29.7.2015 15:30 *Edge Physics Forum*

**Dr. Peter Manz** (Max-Planck-Institut für Plasmaphysik, Garching)

***Stability and propagation of the high field side high density***

[Slides](#)

29.7.2015 14:30 *Wall Forum*

**Aleksander Drenik** (Jozef Stefan Institute, Ljubljana)

***Mass spectrometry analysis of impurities in the exhaust of JET-ILW***

[Slides](#)

28.7.2015 15:30 *Edge Physics Forum*

**Dr. Andrea Scarbosio** (IPP Garching)

***Momentum losses at ASDEX Upgrade and comparison with SOLPS***

[Slides](#)

24.7.2015 10:30 *IPP Institutskolloquium*

**Prof. Andreas Trumpp** (Deutsches Krebsforschungszentrum (DKFZ))

***Krebsstammzellen – Die Wurzel allen Übels?***

[Slides](#)

24.7.2015 9:00 *HEPP Seminar*

**Reiner Stenzel** (UCLA)

***Whistler Instabilities***

23.7.2015 9:00 *HEPP Seminar*

**Reiner Stenzel** (UCLA)

***Nonlinear Whistler Modes***

21.7.2015 12:30 *Tokamakphysik Kaffeeseminar*

**Michael Cole**

***Non-perturbative simulations of global modes in tokamaks and stellarators***

20.7.2015 12:30 *ASDEX Upgrade Seminar*

**Jonathan Jacquot**

***Full wave propagation modelling in view to integrated ICRH wave coupling/RF sheaths modelling***

20.7.2015 12:20 *ASDEX Upgrade Seminar*

**Irene Zammoto**

***Heat shield movement during disruptions (short contrib.)***

17.7.2015 12:30 Tokamakphysik Kaffeeseminar

**Francesco Volpe** (Columbia University)

***Huygens-Fresnel wavefront tracing in non-uniform media***

17.7.2015 9:00 HEPP Seminar

**Reiner Stenzel** (UCLA)

***Helicon Modes in Unbound Plasmas***

16.7.2015 15:30 HEPP Seminar

**Till Sehmer**

**Nils Fahrenkamp**

***Divertor radiation in the ASDEX Upgrade tokamak***

***Time resolved laser induced fluorescence measurements in low temperature Argon plasmas***

16.7.2015 9:00 HEPP Seminar

**Reiner Stenzel** (UCLA)

***Laboratory Experiments on Magnetic Reconnection and Annihilation***

15.7.2015 13:30 ASDEX Upgrade Seminar

**Raffi Nazikian** (Princeton Plasma Physics Lab)

***The Emerging Model of Pedestal Bifurcation and ELM Suppression Driven by Kink Amplification and Plasma Tearing Response***

13.7.2015 13:30 Edge Physics Forum

**Cecilia Bruhn** (KTH Royal Institute of Technology and Technical Universität München)

***Production and Characterization of Scintillating CaWO<sub>4</sub> Single Crystals for Rare Event Searches***

[Slides](#)

13.7.2015 12:30 Edge Physics Forum

**Msc. Felician Mink** (IPP Garching)

***Mode number determination of ELM-associated phenomena by magnetic pick-up coils***

9.7.2015 15:30 HEPP Seminar

**Johannes Bauer**

**Olexandr Lednyts'kyi**

***Hydrogen Dynamics in Tungsten : An In-situ Study***

***Variation of atomic oxygen in the MLT region retrieved from SCIMACHY nightglow measurements***

8.7.2015 15:30 Wall Forum

**Gregor Birkenmeier** (IPP / E2M)



***Blob Filaments, Secondary Electron Emission and Erosion in AUG***  
[Slides](#)

8.7.2015 12:30 Tokamakphysik Kaffeeseминаr

**Alessandro Biancalani**

***Linear and nonlinear gyrokinetic simulations of Alfvén instabilities***

6.7.2015 12:15 ASDEX Upgrade Seminar

**Alex Creely and Anne White** (Massachusetts Institute of Technology)

***see details***

2.7.2015 15:30 HEPP Seminar

**Liang Gao**

**Stefan Kemnitz**

***Interaction of Deuterium Plasma with Nitrided Tungsten Surface***

***Concepts for automatic parallelization in C++***

2.7.2015 12:15 ASDEX Upgrade Seminar

**Roberto Bilato and Clemente Angioni**

***Progress in understanding the impact of heat sources on the behaviours of toroidal momentum and impurities***

1.7.2015 15:30 Wall Forum

**Johannes Rehr** (voestalpine Stahl GmbH)

***Wasserstoffversprödung in hochfesten, mikrolegierten Stählen***

[Slides](#)

29.6.2015 13:30 Edge Physics Forum

**S. Togo** (University of Tokyo)

***SOL-divertor plasma simulations introducing anisotropic temperature with a virtual divertor model***

[Slides](#)

29.6.2015 12:30 Edge Physics Forum

**Dr. Dmitry Rudakov** (DIII-D, General Atomics, San Diego)

***Recent research using the Divertor manipulator system at DIII-D (DIMES)***

[Slides](#)

18.6.2015 13:20 Tokamakphysik Kaffeeseминаr

**Qingquan Yu**

*Study of sawtooth collapses using two-fluid equations*

18.6.2015 12:30 Tokamakphysik Kaffeeseминаr

**William Hornsby**

*Nonlinear gyro-kinetic simulation of tearing modes*

17.6.2015 13:00 ASDEX Upgrade Seminar

**T to W**

*EPS Poster Rehearsals*

17.6.2015 10:00 Tokamakphysik Kaffeeseминаr

**Mirjam Schneller**

*Nonlinear energetic particle transport with Alfvénic waves in ITER*

16.6.2015 12:15 ASDEX Upgrade Seminar

**P to T**

*EPS Poster Rehearsals*

15.6.2015 14:40 ASDEX Upgrade Seminar

**L to P**

*EPS Poster Rehearsals*

15.6.2015 12:15 ASDEX Upgrade Seminar

**Ryter, Hennequin, Felici, Sertoli**

*EPS oral/invited rehearsals*

12.6.2015 12:15 ASDEX Upgrade Seminar

**G to L**

*EPS Poster Rehearsals*

12.6.2015 10:30 IPP Institutskolloquium

**Prof. S. Deshpande (Project Director, ITER-India)** (Institute for Plasma Research, Bhat Gandhinagar)

*Overview of ITER-India Project*

[Slides](#)

11.6.2015 13:30 ASDEX Upgrade Seminar

**Dunne, Kappatou, Fil, Carralero**

*EPS oral rehearsals*

10.6.2015 16:00 ASDEX Upgrade Seminar

**F to G**

*EPS Poster Rehearsals*

10.6.2015 15:30 *Wall Forum*

**Liang Gao** (IPP / E2M)

***Effect of Microstructure of Forged Tungsten on Deuterium Retention and Blistering by Deuterium Plasma Exposure***

[Slides](#)

10.6.2015 13:30 *ASDEX Upgrade Seminar*

**Lunt, Freethy, Reimold, Theiler**

***EPS oral rehearsals***

9.6.2015 9:30 *Tokamakphysik Kaffeeseminar*

**Francesco Carpanese**

***Effects of shape changes on ideal stability limits for DIII-D steady state hybrid plasmas -- Kinetic effects contribution to the RWM growth rate evaluation***

8.6.2015 13:00 *ASDEX Upgrade Seminar*

**A to D**

***EPS Poster Rehearsals***

8.6.2015 12:20 *ASDEX Upgrade Seminar*

**Keisuke Fujii** (Department of Mechanical Engineering and Science, Graduate School of Engineering, Kyoto University, Kyoto 615-8540, Japan)

***Evaluation of the neutral hydrogen atom density in LHD core plasmas based on the high dynamic range spectroscopy***

3.6.2015 15:30 *Wall Forum*

**Armin Manhard** (IPP / E2M)

***Wechselwirkung von Deuteriumplasmen mit Wolfram***

[Slides](#)

2.6.2015 12:15 *ASDEX Upgrade Seminar*

**Claus-Peter Käsemann**

***Pulsed Power Supply System of the ASDEX Upgrade Tokamak Research Facility***

29.5.2015 10:30 *Edge Physics Forum*

**Dr. Jens Madsen** (PPFE, DTU Physics, Denmark )

***Application of synthetic diagnostics to SOL turbulence simulations and comparison to Langmuir probe measurements***

[Slides](#)

28.5.2015 13:45 ASDEX Upgrade Seminar

**Rudolf Neu**

***ASDEX Upgrade Program for Closing Gaps to Fusion Energy***

28.5.2015 12:30 Tokamakphysik Kaffeeseminar

**Alexandre Fil**

***Modelling of massive gas injection with JOREK***

28.5.2015 9:00 HEPP Seminar

**Heather Silyn-Roberts**

***Scientific Communication***

27.5.2015 15:30 Wall Forum

**Matt Thompson** (Research School of Physics and Engineering, Australian National University, Canberra, ACT, Australia)

***Applying grazing incidence small angle x-ray scattering (GISAXS) to measure helium nano-bubble formation in tungsten***

[Slides](#)

27.5.2015 10:30 Edge Physics Forum

**Dr. Ralph Kube** (University of Tromsø)

***Blob propagation and fluctuation statistics in SOL plasmas***

[Slides](#)

27.5.2015 9:00 HEPP Seminar

**Heather Silyn-Roberts**

***Scientific Communication***

26.5.2015 9:00 HEPP Seminar

**Heather Silyn-Roberts** (U NZ Auckland)

***Scientific Communication***

22.5.2015 12:30 ASDEX Upgrade Seminar

**Roman Ochoukov**

***Characterization of ICRF waves on AUG***

22.5.2015 10:30 IPP Institutskolloquium

**Prof. Robert Schlögl** (Fritz-Haber-Institut Berlin)

***Energiewende 2.0***

21.5.2015 12:15 ASDEX Upgrade Seminar

**Chris Rapson**

***Real-time data fusion for nuclear fusion***

18.5.2015 12:20 ASDEX Upgrade Seminar

**Arne Kallenbach + AUG internal TFLs**

***Presentation of the AUG internal program 2015/6***

13.5.2015 14:30 Edge Physics Forum

**Dominik Brida** (Max-Planck-Institut für Plasmaphysik)

***Impurity transport in ASDEX Upgrade with Magnetic Perturbations***

12.5.2015 12:15 ASDEX Upgrade Seminar

**Medvedeva, Simon, Freethy**

***Rehearsals: International Reflectometry Workshop***

12.5.2015 9:00 HEPP Seminar

**Prof. Dr. Dr. hc. mult Roman Schrittwieser** (Universität Innsbruck)

***The use of electric probes***

11.5.2015 15:30 ASDEX Upgrade Seminar

**Wei Zhang**

***3D simulations of gas puff effects on edge density and ICRF coupling in ASDEX Upgrade using EMC3-Eirene***

11.5.2015 12:15 ASDEX Upgrade Seminar

**Conway, Pinzon, Prisiazhniuk**

***Rehearsals: International Reflectometry Workshop***

7.5.2015 15:30 HEPP Seminar

**Alexander Lebschy**

**Karl Felix Luskow**

***Indirect measurement of the poloidal rotation in the core of ASDEX Upgrade plasmas with charge exchange recombination spectroscopy***

***2D simulation of heat flux distribution in space-relevant applications including electromagnetic fields in partially-ionized Argon plasmas***

30.4.2015 15:30 Wall Forum

**Matej Mayer** (IPP / E2M)

***Ion Beam Analysis of Laterally Inhomogeneous Samples***

[\*Slides\*](#)

30.4.2015 12:15 ASDEX Upgrade Seminar

**Artur Malaquias**

***Developments on the Heavy Ion Beam Diagnostic for the ISTTOK Tokamak***

29.4.2015 15:30 *Wall Forum*

**Udo v. Toussaint** (E2M / NMPP)

***Simultaneous modelling of diffusion and ion-solid-interactions***

28.4.2015 12:15 *ASDEX Upgrade Seminar*

**Gilson Ronchi**

***Intrinsic plasma impurity rotation and magnetic island evolution in disruptive discharges in the TCABR tokamak***

[Slides](#)

24.4.2015 10:30 *IPP Institutskolloquium*

**Prof. Dr. Sebastian Kranz** (Universität Ulm)

***Ökonomische Überlegungen zur Energiewende und zum Klimaschutz***

23.4.2015 15:30 *HEPP Seminar*

**Florian Laggner**

***Inter-ELM pedestal recovery in ASDEX Upgrade***

23.4.2015 14:30 *Core Physics Forum*

**C. Angioni**

***W transport and accumulation avoidance, recent progress in JET and ASDEX Upgrade***

23.4.2015 12:30 *Tokamakphysik Kaffeeseminar*

**Michail Tzanis** (Universität York)

***Simulation of micro-tearing modes***

22.4.2015 15:30 *Wall Forum*

**Martin Balden** (IPP / E2M)

***Chemical composition and size distribution of dust particles: Comparison of results from ASDEX Upgrade, LHD and DIII-D***

[Slides](#)

22.4.2015 13:00 *ASDEX Upgrade Seminar*

**Elisée Trier**

***Radial electric field and non-axisymmetry in the Tore Supra tokamak : studies by Doppler reflectometry***

22.4.2015 10:00 *ASDEX Upgrade Seminar*

**various**

***RFPPC rehearsals***

21.4.2015 12:15 ASDEX Upgrade Seminar

**Doerk, Happel, Manz, Oberparleiter**

**TTF Oral Rehearsals**

20.4.2015 14:30 Wall Forum

**Long Cheng** (DIFFER/Beihang University)

**Investigation of surface morphology and deuterium retention in tungsten exposed to neon and deuterium mixture plasmas in Pilot-PSI**

[Slides](#)

17.4.2015 10:30 IPP Institutskolloquium

**Prof. Oliver Schmitz** (Department of Engineering Physics University of Wisconsin - Madison)

**Improvement of Helium exhaust by Resonant Magnetic Perturbations at TEXTOR-DED and LHD**

[Slides](#)

10.4.2015 12:30 ASDEX Upgrade Seminar

**Fabrice Doveil** (PIIM (Physique des Interactions Ioniques et Moléculaires) Aix Marseille Université)

**Electric Field Induced Lyman-alpha Emission (EFILE) diagnostic: electric field measurements in vacuum and in a plasma.**

10.4.2015 10:30 IPP Institutskolloquium

**Ralf Plischke** (Regionalleiter Nord, 50Hertz Transmission GmbH)

**Was bedeutet die Energiewende für die Netzbetreiber am Beispiel des Unternehmens 50hertz**

[Slides](#)

7.4.2015 13:00 ASDEX Upgrade Seminar

**J. Karhunen, H. v d Brand, +several posters**

**ECPD Rehearsals: Combined electron cyclotron emission and heating for the suppression of neoclassical tearing modes in fusion plasmas || and || Nitrogen as a spectroscopic tracer for measuring plasma flows in the high-field side SOL of ASDEX Upgrade**

1.4.2015 10:30 Edge Physics Forum

**Dr. Steffen Potzel** (Max-Planck-Institut für Plasmaphysik, Garching)

**Divertor detachment at AUG and its impact on plasma confinement and the density limit**

[Slides](#)

27.3.2015 10:30 IPP Institutskolloquium

**Prof. Johann-Dietrich Wörner** (Deutsches Zentrum für Luft- und Raumfahrt (DLR))

***DLR, die deutsche NASA?***

25.3.2015 15:30 *Wall Forum*

**Kazuyoshi Sugiyama** (IPP / E2M)

***Study of erosion behaviour of EUROFER and Fe/W model system layer***

[Slides](#)

20.3.2015 10:30 *IPP Institutskolloquium*

**Dr. Pavlos Xanthopoulos** (IPP)

***Turbulence simulation and optimization for stellarators***

[Slides](#)

18.3.2015 15:30 *Wall Forum*

**Gerd Meisl** (IPP / E2M)

***Simulating the nitrogen migration in Be/W tokamaks with WalldYN***

[Slides](#)

18.3.2015 13:00 *ASDEX Upgrade Seminar*

**Informationsveranstaltung mit: M. Erdmann, B. Neumann, J. Schweinzer**

***Beantragung und Abrechnung von Reisen im Rahmen von EUROfusion Arbeitspaketen***

11.3.2015 12:15 *ASDEX Upgrade Seminar*

**Roberto Cesario** (ENEA-Unità Tecnica Fusione - C. R. Frascati)

***Active current drive for thermonuclear reactor***

[Slides](#)

6.3.2015 10:30 *Wall Forum*

**Muyuan Li** (IPP / E2M)

***A fracture mechanics study of tungsten failure under high heat flux loads***

[Slides](#)

4.3.2015 10:30 *Edge Physics Forum*

**Dr. Tilmann Lunt** (Max-Planck-Institut für Plasmaphysik)

***Optimization of the snowflake divertor by means of EMC3-Eirene simulations***

[Slides](#)

27.2.2015 10:30 *IPP Institutskolloquium*

**Dr. Dietmar Wagner** (IPP)



***Oversized Millimeter Wave Components for ECRH and Diagnostics***

26.2.2015 12:30 Tokamakphysik Kaffeese­minar

**Alessandro Di Siena**

***Influence of Collisions on Parametric Instabilities of Lower-Hybrid Waves in Tokamak Plasmas***

25.2.2015 15:30 Wall Forum

**Sabina Markelj** (Department for Low and Medium Energy Physics, Jožef Stefan Institut, Ljubljana)

***Deuterium retention studies in self-ion damaged tungsten exposed to neutral atoms***

[Slides](#)

25.2.2015 12:30 ASDEX Upgrade Seminar

**multiple posters**

***DPG Poster Rehearsals***

24.2.2015 12:30 ASDEX Upgrade Seminar

**Thomas Blanken**

***Density profile reconstruction and control using a model-based state observer, similar to RAPTOR***

24.2.2015 9:00 ASDEX Upgrade Seminar

**multiple speakers**

***DPG Rehearsals***

23.2.2015 12:15 ASDEX Upgrade Seminar

**multiple speakers**

***DPG Rehearsals***

20.2.2015 10:30 IPP Institutskolloquium

**Dr. George H. Neilson** (Princeton Plasma Physics Laboratory)

***Fusion Machine Engineering Studies at Princeton Plasma Physics Laboratory (PPPL)***

[Slides](#)

13.2.2015 10:30 IPP Institutskolloquium

**Prof. Dr. Uwe Leprich** (Hochschule für Technik und Wirtschaft des Saarlandes)

***Evolution oder Revolution - Zur Transformation des bundesdeutschen Stromsystems in den nächsten Jahrzehnten***

[Slides](#)

12.2.2015 12:30 Tokamakphysik Kaffeese­minar

**Magali Muraglia** (Université Aix-Marseille)

***Interchange turbulence driven NTM***

10.2.2015 12:30 Tokamakphysik Kaffeeseминаr

**Raphael Kozlovsky**

***Vibronic effects in the transport characteristics of STM single molecule junctions***

6.2.2015 10:30 IPP Institutskolloquium

**Dr. Beate Bornschein** (Karlsruhe Institute of Technology (KIT), Institute for Technical Physics (ITEP))

***Between fusion and cosmology – the Tritium Laboratory Karlsruhe (TLK)***

[Slides](#)

5.2.2015 12:15 ASDEX Upgrade Seminar

**Prof. Uwe Czarnetzki** (Ruhr-Uni Bochum)

***Electron Density Measurement by ps THz Time Domain Spectroscopy***

[Slides](#)

4.2.2015 15:30 Wall Forum

**Hans Maier** (IPP / E2M)

***Kinetics of carbide formation of tungsten coatings on CFC and implications on JET-ILW operation***

[Slides](#)

4.2.2015 9:00 Tokamakphysik Kaffeeseминаr

**Zhao Deng**

***Testing the high turbulence level breakdown of low-frequency gyro-kinetics against high-frequency cyclo-kinetic simulations***

3.2.2015 15:30 Core Physics Forum

**M. Sertoli**

***The WSX diagnostic: W density profiles from SXR + IDA + GIW***

[Slides](#)

26.1.2015 12:15 ASDEX Upgrade Seminar

**Garrard Conway** (IPP)

***HGF Virtual Institute on Advance Microwave Diagnostics: Overview of Activities and Plans***

23.1.2015 14:00 HEPP Seminar

**Hans Pecseli** (University of Oslo)

***Weakly Nonlinear Waves in Plasmas***

23.1.2015 9:00 *HEPP Seminar*

**Hans Pecseli** (University of Oslo)

***Weakly Nonlinear Waves in Plasmas***

22.1.2015 14:00 *HEPP Seminar*

**Hans Pecseli** (University of Oslo)

***Introduction to Electrostatic Drift Waves***

22.1.2015 9:00 *HEPP Seminar*

**Hans Pecseli** (University of Oslo)

***Introduction to Electrostatic Drift Waves***

16.1.2015 10:30 *IPP Institutskolloquium*

**Prof. Joerg Schumacher** (Institute of Thermodynamics and Fluid Mechanics Department of Mechanical Engineering Ilmenau University of Technology)

***Large-scale order and small-scale intermittency in turbulent convection***

[Slides](#)

15.1.2015 15:30 *HEPP Seminar*

**Anna Medvedeva**

**Mathias Pamperin**

***Experimental study of radial turbulence with the ultra-fast swept reflectometer in ASDEX Upgrade***

***Electron correlation in charge-transferring atom-surface collisions***

14.1.2015 15:30 *Edge Physics Forum*

**Dr. Peter Manz** (IPP Garching)

***Turbulence in I-mode***

[Slides](#)

9.1.2015 10:30 *IPP Institutskolloquium*

**Prof. Rino Morent** (Ghent University)

***!!!Kolloquium wird verschoben. Termin noch nicht bekannt.!!! Plasma Technology for Biomedical and Environmental Applications***

18.12.2014 12:15 *ASDEX Upgrade Seminar*

**Dmitry Moseev**

***Numerical survey of NTM-induced fast ion transport***

16.12.2014 12:15 *ASDEX Upgrade Seminar*

**Severin Denk** (IPP)

*Non-thermal electron energy distributions in microwave heated plasmas measured with electron cyclotron emission*

15.12.2014 12:15 ASDEX Upgrade Seminar

**Dr. Yasuhisa Oda** (JAEA ITER gyrotron laboratory)

*Activity of high power gyrotron development and its application in JAEA. Can high power gyrotron create die Sonne und der Mond?*

12.12.2014 10:30 IPP Institutskolloquium

**Prof. Alex Bradshaw** (Max-Planck-Institut für Plasmaphysik)

*Is nuclear fusion a sustainable energy source?*

11.12.2014 15:30 HEPP Seminar

**Dmitrii Prisiazhniuk**

**Dorothea Gradic**

*Study of turbulence with new poloidal correlation reflectometry installed in ASDEX Upgrade  
Doppler coherence imaging spectroscopy for the measurement of ion flows in VINETA*

11.12.2014 13:00 Tokamakphysik Kaffeeseминаr

**Patrick Astfalk**

*Vlasov-hybrid simulations of firehose-unstable plasmas*

10.12.2014 15:30 Wall Forum

**Hans Maier** (IPP / E2M)

*Impact of He on divertor PFC surfaces (Talk given at the 22nd European Fusion Programme Workshop, Split, Croatia, Dec 2, 2014)*

[Slides](#)

9.12.2014 12:30 Tokamakphysik Kaffeeseминаr

**Ben McMillan** (U Warwick)

*Momentum transport in global gyrokinetic simulations*

8.12.2014 13:00 Tokamakphysik Kaffeeseминаr

**Alexander Ross** (U Regensburg)

*Kondo effect in Keldysh formalism*

5.12.2014 10:30 IPP Institutskolloquium

**Prof. Robert Stieglitz** (Karlsruhe Institute of Technology)

*Liquid metals in energy engineering*

[Slides](#)

4.12.2014 15:30 HEPP Seminar

**Tomáš Odstrčil**

**Markus Weiland**

*Transport of heavy ions on presence of their poloidal asymmetries*

*Influence of MHD instabilities and ICRF heating on the fast ion distribution in ASDEX Upgrade*

4.12.2014 15:30 Wall Forum

**Vladimir Alimov** (University of Toyama, Japan)

*Sputtering and surface modification of Fe and RAFM steels exposed to high flux deuterium and helium plasmas. Deuterium retention in undamaged and damaged W and W-5%Re materials.*

[Slides](#)

3.12.2014 15:30 Wall Forum

**Klaus Schmid** (IPP/E2M)

*Diffusion/Trapping modelling of recycling fluxes from W under ELM like heat loads*

2.12.2014 12:15 ASDEX Upgrade Seminar

**Gerd Meisl** (IPP)

*Nitrogen implantation in tungsten and migration in the fusion experiment ASDEX Upgrade*

27.11.2014 16:30 Vortrag

**Dr. Daniel Carralero** (IPP Garching)

*The influence of the divertor regime on filamentary transport*

27.11.2014 14:30 ASDEX Upgrade Seminar

**EFPW Workshop Rehearsal**

*Felix Reimold (25+5) : "Integrated Scenarios with radiation cooling"*

21.11.2014 10:30 IPP Institutskolloquium

**Prof. Laura Baudis** (University of Zürich)

*Direct detection of particle dark matter with underground detectors*

20.11.2014 15:30 HEPP Seminar

**Hutch Neilson** (PPPL)

*Engineering Optimization of Stellarators*

20.11.2014 12:15 ASDEX Upgrade Seminar

**Patrick Mc Carthy**

*Influence of ferrite inserts on equilibrium reconstruction on ASDEX Upgrade, and other recent developments in CLISTE*

19.11.2014 15:30 ASDEX Upgrade Seminar

**Sandra C. Chapman** (Centre for Fusion, Space and Astrophysics Physics, University of Warwick, UK)

***Relationship of ELM burst times with divertor full flux loop signal phase in JET***

19.11.2014 13:00 ASDEX Upgrade Seminar

**Francois Ryter** (IPP)

***The I-Mode at ASDEX Upgrade***

18.11.2014 15:30 Wall Forum

**Yves Ferro** (Aix-Marseille Université-CNRS, PIIM UMR 7345, 13 397 Marseille, France)

***Hydrogen diffusion and vacancies formation in tungsten: DFT and statistical models***

[Slides](#)

18.11.2014 12:15 ASDEX Upgrade Seminar

**Felician Mink** (IPP)

***Improvement of the Determination of the Species Distribution and Beam Geometry of the Neutral Beam Injection on ASDEX Upgrade***

14.11.2014 10:30 IPP Institutskolloquium

**Prof. Dr. Ortwin Renn** (University of Stuttgart)

***Socioeconomic dimensions of geo-engineering: Requirements for risk governance***

7.11.2014 0:00 IPP Institutskolloquium

**Dr. Beate Bornschein** (KIT)

***Between fusion and cosmology – the Tritium Laboratory Karlsruhe (TLK)***

5.11.2014 15:30 Wall Forum

**Matej Mayer** (IPP/E2M)

***Material erosion/deposition in the JET divertor during the first ILW campaign 2011-2012***

[Slides](#)

5.11.2014 13:00 ASDEX Upgrade Seminar

**Udo von Toussaint** (IPP)

***Fast regression of grid data in 1,2 and 3 dimensions with missing data and outliers***

5.11.2014 10:00 Edge Physics Forum

**Iván Paradela Pérez** (TU München / IPP)

***Power spreading in tokamak divertor using SOLPS code***

[Slides](#)

4.11.2014 15:30 Wall Forum

**Olaf Encke** (IPP/E2M)

**Wechselwirkung von Stickstoff- & Deuterium-Ionen mit Wolfram**

[Slides](#)

4.11.2014 13:00 *Edge Physics Forum*

**Dr. Golo Fuchert** (University of Lorraine, Institut Jean Lamour )

***Blob properties in the SOL of TJ-K and ASDEX Upgrade***

[Slides](#)

29.10.2014 15:30 *Wall Forum*

**Michal Gloc** (Warsaw University of Technology)

***HYDROGEN INFLUENCE ON BONDING ZONE IN EXPLOCLAD MATERIALS***

[Slides](#)

24.10.2014 13:15 *ASDEX Upgrade Seminar*

**Valentin Igochine** (IPP)

***Identification and possible extension of the beta limit in ASDEX Upgrade***

24.10.2014 12:15 *ASDEX Upgrade Seminar*

**Rajesh Maingi**

***Effect of Li on NSTX, DIII-D, and EAST***

23.10.2014 15:45 *HEPP Seminar*

**Alexander Lessig**

**Carsten Killer**

***Non-linear simulations of full ELM crashes in ASDEX Upgrade***

***Simulation of Alfvén eigenmodes in tokamaks and stellarators***

23.10.2014 15:30 *Wall Forum*

**Hans Riesch** (IPP/E2M)

***Brittle tungsten becomes tough: Pseudo-ductility in tungsten fibre-reinforced tungsten composites (Rehearsal for Numat conference)***

[Slides](#)

23.10.2014 12:30 *Tokamakphysik Kaffeeseminar*

**Moritz Püschel** (U Wisconsin)

***Guide Field Reconnection Turbulence and Coronal Heating***

22.10.2014 15:30 *Wall Forum*

**Jeong-Ha You** (IPP/E2M)

*'Novel composite materials for innovative design of high-heat-flux components of fusion reactors'* J.-H. You\*, A. Brendel, H. Greuner, A. Herrmann, S. Kimmig, Ch. Linsmeier, J. Riesch, A. Zivelonghi (Rehearsal for Numat 2014)

[Slides](#)

22.10.2014 12:15 ASDEX Upgrade Seminar

**Rehearsals for 56th Annual Meeting of the APS Division of Plasma Physics 27.-31.10.2014**

**Thomas Eich (12+3 JET VC): "Revisited divertor ELM heat load scaling to ITER with data from JET and ASDEX Upgrade"**

**Daniel Carralero (10+2 JET VC): "The role of divertor collisionality on SOL transport: a study on the ITER stepladder"**

**Manuel Garcia-Munoz (25+5): "Landau-Spitzer Award: Fast-Ion Transport in the ASDEX Upgrade and DIII-D Tokamaks"**

**Tim Happel (10+2): "Wavenumber-resolved core turbulence studies in the ASDEX Upgrade tokamak and comparison with non-linear gyrokinetic simulations with the GENE code"**

**Benedikt Geiger (10+2): "Fast-ion transport and neutral beam current drive in ASDEX Upgrade"**

20.10.2014 12:15 ASDEX Upgrade Seminar

**Rehearsals for 56th Annual Meeting of the APS Division of Plasma Physics 27.-31.10.2014**

**Paolo Piovesan (10+2 VC): "Measurement of plasma response to 3D fields at high-beta in ASDEX Upgrade"**

**Valentin Igochine (10+2): "Slow conversion of ideal MHD perturbations into a tearing mode after a sawtooth crash"**

**Livia Casali (10+2): "Modeling of pedestal and core radiation in nitrogen seeded H-modes at ASDEX Upgrade"**

17.10.2014 12:15 ASDEX Upgrade Seminar

**Werner Mueller (IPP)**

**Far SOL heat/particle fluxes on AUG/JET - link to detachment threshold**

17.10.2014 10:30 IPP Institutskolloquium

**Prof. Martin Sauter (Universität Göttingen)**

**Risk Assessment of Hydraulic Fracturing**

15.10.2014 15:30 Wall Forum

**Liang Gao (IPP/E2M)**

**Interaction of Deuterium Plasma with Nitrided W surfaces**

[Slides](#)

15.10.2014 13:30 Wall Forum

**Youngmin Han (IPP/E2M)**



**'Mechanical behaviour of doped tungsten wires', Vortrag Masterarbeit Maschinenwesen**

10.10.2014 10:30 IPP Institutskolloquium

**Prof. Paul Blom** (Max-Planck-Institut für Polymerforschung Mainz)

**Physics of Organic Semiconducting Devices**

8.10.2014 16:00 Edge Physics Forum

**Michael Faitsch** (Universität Ulm)

**Change of the SOL power width with the toroidal B-field direction**

[Slides](#)

8.10.2014 8:30 ASDEX Upgrade Seminar

**Oral and Poster rehearsals for IAEA Fusion Energy Conference 13.-18.10.2014**

**Hartmut Zohm (20+5): "Recent ASDEX Upgrade Research in Support of ITER and DEMO"**

**Ulrich Stroth (17+3): "Experimental Turbulence Studies for Gyro-Kinetic Code Validation Using Advanced Microwave Diagnostics"**

**Josef Schweinzer (17+3): "Development of the Q=10 Scenario for ITER on ASDEX Upgrade"**

**Leena Aho-Mantila (17+3): "Assessment of Scrape-off Layer Simulations with Drifts against L-Mode Experiments in ASDEX Upgrade and JET"**

**Marco Wischmeier (P): "Advancing power exhaust studies from present to future tokamak devices"**

**Albrecht Herrmann (P): "Solid tungsten Divertor-III for ASDEX Upgrade and contributions to ITER"**

**Benedikt Geiger (P): "Fast-ion transport and neutral beam current drive in ASDEX Upgrade"**

**Manuel Garcia-Munoz (P): "Fast-ion response to externally applied 3D magnetic perturbations in ASDEX Upgrade H-mode plasmas"**

**Ronald Wenninger (P): "Advances in the Physics Basis for the European DEMO Design"**

**Lingyan Xiang (P): "Investigation of Argon Seeding Effects under Different Magnetic Configurations in L-mode Plasma in EAST"**

7.10.2014 12:30 Tokamakphysik Kaffeeseminar

**Ivan Erofeev** (U Stuttgart)

**Spatio-temporal structure of long-range correlations in the stellarator TJ-K**

6.10.2014 12:15 ASDEX Upgrade Seminar

**Oral and Poster rehearsals for IAEA Fusion Energy Conference 13.-18.10.2014**

**Eleonora Viezzer (17+3): "Overview of recent pedestal studies at ASDEX Upgrade"**

**Gregor Birkenmeier (P): "Filament Transport in the SOL of ASDEX Upgrade"**

**Matthias Reich (P): "Real-time Control of NTMs Using ECCD at ASDEX Upgrade"**

**Wolfgang Suttrop (P): "Studies of Magnetic Perturbations in High-Confinement Mode Plasmas in ASDEX Upgrade"**

**Eleonora Viezzer (P): "Radial electric field and poloidal impurity asymmetries in the pedestal of AUG: quantitative comparisons between experiment and theory"**

**Eleonora Viezzer (P): "Overview of recent pedestal studies at ASDEX Upgrade"**

**Amanda Hubbard (P): "Multi-device Studies of Pedestal Physics and Confinement in the I-mode Regime"**

**Mirjam Schneller (P): "Study of Nonlinear Fast Particle Transport for the ITER 15MA Scenario"**

2.10.2014 10:30 MST Meeting

**Andrew Kirk (CCFE)**

**Effect of resonant magnetic perturbations on low collisionality discharges in MAST and a comparison with ASDEX Upgrade (IAEA Practice Talk)**

[Slides](#)

1.10.2014 13:00 ASDEX Upgrade Seminar

**Gabriella Pautasso and Emiliano Fable (IPP)**

**ASTRA simulation of MGI induced pre-thermal-quench**

1.10.2014 10:30 ASDEX Upgrade Seminar

**Rehearsals for IAEA Fusion Energy Conference 13.-18.10.2014**

**Arne Kallenbach (17+3): "Partial detachment of high power discharges in ASDEX Upgrade"**

26.9.2014 10:30 IPP Institutskolloquium

**H. Laqua (IPP Greifswald)**

**Overview of 13 Years Experiments at the WEGA-Stellarator in Greifswald**

[Slides](#)

24.9.2014 15:30 ASDEX Upgrade Seminar

**Athina Kappatou**

**Investigations of helium transport in ASDEX Upgrade plasmas with charge exchange recombination spectroscopy**

24.9.2014 9:00 ASDEX Upgrade Seminar

**Oral and Poster rehearsals for SOFT Fusion Energy Conference 29.09.-03.10.2014**

**Markus Teschke (15+5): "Electrical Design Of The Inverter System BUSSARD For ASDEX Upgrade Saddle Coils"**

**Bernhard Ploeckl (15+5): "The enhanced pellet centrifuge launcher at ASDEX Upgrade: advanced operation and application as technology test facility for ITER and DEMO"**

**Irene Zammuto (P): "Long term project in ASDEX Upgrade: implementation of ferritic steel as in vessel component"**

**Martin Oberkofler (P): "Plasma-wall interactions with nitrogen seeding in all-metal fusion devices: formation of nitrides and ammonia"**

**Michael Rott (P): "Electrical and mechanical adaptation of commercially available power inverter modules for BUSSARD - the power supply of ASDEX Upgrade in vessel saddle coils"**

**Nils Arden (P): "Control system and DC-link supply of the inverter system BUSSARD for ASDEX Upgrade in vessel saddle coils"**

**Chris Rapson (P): "Actuator management for ECRH at ASDEX Upgrade"**

**Claus-Peter Kaesemann (P): "New Drive Converter and Digital Control for the Pulsed Power Supply System of ASDEX Upgrade"**

**Thomas Haertl (P): "Status and perspectives of the ASDEX Upgrade gas inlet system"**

**Albrecht Herrmann (P): "A large scale divertor manipulator for ASDEX Upgrade"**

**Wolfgang Treutterer (P): "Transforming the ASDEX Upgrade Discharge Control System to a General-Purpose Plasma Control Platform"**

**Thomas Franke (P): "Technological and Physics Assessments on Heating and Current Drive Systems for DEMO"**

**M. Dibon, P. Lang (P): "Blower Gun pellet injection system for W7-X"**

**Tamas Szepesi, P. Lang (P): "Table-top pelletinjector (TATOP) for impurity pellet injection"**

**Giuliana Sias (P): "Improvements in Disruption Prediction at ASDEX Upgrade"**

23.9.2014 15:00 Wall Forum

**Jeong-Ha You (IPP/E2M)**

**European design concepts of the water-cooled divertor target for DEMO reactor: Summary of the EFDA tasks in 2013**

[Slides](#)

22.9.2014 12:15 ASDEX Upgrade Seminar

**Rehearsals for SOFT Fusion Energy Conference 29.09.-03.10.2014**

**Peter Lang (15+5): "Considerations on the DEMO pellet fuelling system"**

**Peeter Paris, R. Neu (P): "Development of Laser Induced Breakdown Spectroscopy for studying erosion, deposition, and fuel retention in ASDEX Upgrade"**

12.9.2014 10:30 IPP Institutskolloquium

**Prof. Paolo Ricci (CRPP Lausanne)**

**New insights on scrape-off layer plasma turbulence**

[Slides](#)

11.9.2014 14:00 Arbeitskreis

**Torsion Analytics (IPP / AUG)**

**IDL / Python technical workshop**

5.9.2014 15:00 Vortrag

**David Ryan (University of York / CCFE)**

**Computation of the plasma response to RMP fields in ASDEX Upgrade (rehearsal for the TTF workshop)**

4.9.2014 12:15 ASDEX Upgrade Seminar

**G. Birkenmeier, L. Aho-Mantila, A. Kappatou, G.D. Conway**  
*Rehearsal Talks for the TTF workshop, afterwards posters*

29.8.2014 12:15 ASDEX Upgrade Seminar

**T. Puetterich, E. Fable**

*Rehearsal talks TTF workshop*

29.8.2014 10:30 Tokamakphysik Kaffeeseминаr

**Xin Wang**

*Studies of nonlinear dynamics of wave-particle interactions in Tokamak plasmas based on Hamiltonian mapping techniques*

28.8.2014 13:20 Tokamakphysik Kaffeeseминаr

**Philipp Lauber**

*Kinetic modeling of energetic particle driven modes in present-day tokamaks and in ITER*

28.8.2014 12:30 Tokamakphysik Kaffeeseминаr

**William Hornsby**

*Tearing modes within the gyro-kinetic framework*

8.8.2014 10:30 IPP Institutskolloquium

**Prof. Klaus Pawelzik** (Institute for Theoretical Physics/Center for Cognitive Sciences, University Bremen)

*"Criticality of control in man and markets"*

[Slides](#)

6.8.2014 15:30 Wall Forum

**Armin Manhard** (IPP / E2M)

*H isotope permeation through tungsten below 500 K*

[Slides](#)

4.8.2014 12:15 ASDEX Upgrade Seminar

**Tim Happel** (IPP)

*Scale-resolved investigation of core turbulence in ASDEX Upgrade and comparison with non-linear gyrokinetic simulations*

30.7.2014 12:15 ASDEX Upgrade Seminar

**Philip Schneider** (IPP)

*Fast-Ion Measurements and Simulations a Comparison using NPAs and FIDASIM*

30.7.2014 10:30 Edge Physics Forum

**Dr. Bernd Kurzan** (IPP)

**Radial jitter of edge Thomson scattering profiles**

[Slides](#)

29.7.2014 12:30 Tokamakphysik Kaffeeseminar

**Jason TenBarge** (Univ. Maryland)

**Gyrokinetic Simulations of Solar Wind Turbulence**

24.7.2014 12:30 Edge Physics Forum

**Dr. Hong Juan Sun** (IPP Garching)

**Study of near SOL temperature and density gradient lengths from Thomson Scattering**

[Slides](#)

21.7.2014 13:30 Edge Physics Forum

**Andrey Shalpegin** (Université de Lorraine, Institut Jean Lamour, Vandoeuvre-lès-Nancy, France)

**Fast camera observations of intrinsic dust particles in ASDEX Upgrade: trajectory reconstruction and statistical analysis of its occurrence**

[Slides](#)

21.7.2014 12:15 ASDEX Upgrade Seminar

**Michael Walsh** (Diagnostics Division, ITER Organization)

**ITER Diagnostics - An Overview**

16.7.2014 15:30 Wall Forum

**Stefan Elgeti / Martin Balden and Matej Mayer** (IPP/E2M)

- 1. Blister evolution with fluence and temperature of deuterium plasma exposed tungsten (Elgeti)**
- 2. Recovery temperature of defects in tungsten created by self-implantation (Mayer)**

14.7.2014 12:30 Edge Physics Forum

**Anton Bogomolov** (FOM Institute DIFFER)

**Study of the ELM fluctuation characteristics during the mitigation of type-I ELMs**

[Slides](#)

11.7.2014 10:30 IPP Institutskolloquium

**Prof. Thomas Sunn Pedersen** (IPP)

**Plans for the creation and studies of electron-positron plasmas in the laboratory**

10.7.2014 15:45 HEPP Seminar

**Round table**

9.7.2014 16:00 Wall Forum

**Wolfgang Jacob** (IPP/E2M)

***Deuterium Retention in Tungsten Films Deposited on Different Substrates (poster by Wang Peng at PSI)***

9.7.2014 12:15 Core Physics Forum

**G. Kurskiev**

***Confinement and transport in the low density range in ASDEX Upgrade.***

4.7.2014 10:30 IPP Institutskolloquium

**Prof. Claus Kiefer** (Universität Köln)

***44 Years of Decoherence - From Schrödinger's Cat to the Classical World***  
[Slides](#)

3.7.2014 15:45 HEPP Seminar

**Marco Cavedon**

**Matthias Mulsow**

***Role of the radial electric field during the L to H transition***  
***Fluid mode excitation in finite 3D Yukawa-balls***

2.7.2014 15:30 Wall Forum

**Thomas Schwarz-Selinger** (IPP/E2M)

***Deuterium penetration in self-damaged tungsten during low-flux plasma loading***  
[Slides](#)

25.6.2014 12:15 ASDEX Upgrade Seminar

**Rehearsal for EFTSOMP Workshop**

***Patrick Simon (25+5): "GAMs in ASDEX Upgrade: scaling properties and interaction with turbulence"***

***Werner Mueller (27+3): "Overview and comparison of recent results on plasma potential and Er diagnostic methods"***

17.6.2014 10:00 ASDEX Upgrade Seminar

**EPS rehearsal: Talks (VC JET 09:00 GWT)**

***Karl Krieger (30+5): "The impact of tungsten divertors on plasma performance"***

***Peter Lang (12+3): "ELM control at the L-H transition achieved by pellet pacing in the all-metal wall tokamaks ASDEX Upgrade and JET"***

***Francis Casson (25+5): "Theoretical description of heavy impurity transport and its application to the modelling of tungsten in JET and ASDEX Upgrade"***

16.6.2014 14:00 ASDEX Upgrade Seminar

**EPS rehearsal: Talks and Posters**

**Philip A. Schneider (25+5): "Pedestal and ELM characteristics with different first wall materials and nitrogen seeding in ASDEX Upgrade"**

**Benedikt Geiger (25+5): "Quantification of the impact of large and small scale instabilities on the fast-ion confinement in ASDEX Upgrade"**

**Giovanni Tardini (12+5): "Detection of 2nd harmonic deuterium acceleration by ICRF in ASDEX Upgrade NBI heated discharges via neutron spectrometry"**

**Leena Aho-Mantila (12+5): "On the role of drifts in the divertor power load distribution in ASDEX Upgrade"**

**Posters directly after the talks:**

**Gabriella Pautasso: "Disruption causes in ASDEX Upgrade"**

**Jiri Adamek, H.W. Mueller: "Radial profiles of the electron temperature on COMPASS and ASDEX Upgrade of ball-pen probe and Thomson scattering diagnostic"**

**Livia Casali: "Transport analysis of high radiation and high density plasmas at ASDEX Upgrade"**

**Sina Fietz: "Study of the onset of neoclassical tearing modes at the ASDEX Upgrade tokamak"**

**Anatoli Lyssoivan, V. Bobkov: "Wave aspect of neutral gas breakdown with ICRF antenna in ICWC operation mode"**

**Dmitry Moseev: "Influence of neoclassical tearing modes on confined fast ions in ASDEX Upgrade"**

13.6.2014 12:15 ASDEX Upgrade Seminar

**EPS rehearsal: Talks**

**Garrard Conway (25+5): "3D effects of magnetic perturbation coils on the edge/SOL properties in ASDEX Upgrade"**

**Mirko Salewski, Dmitry Moseev (25+5): "Velocity-space tomography for magnetically confined plasmas and astrophysics"**

13.6.2014 10:30 ASDEX Upgrade Seminar

**EPS rehearsal: Posters**

**Christoph Fuchs : "Investigation of the boundary distortions in the presence of rotating external magnetic perturbations on ASDEX Upgrade"**

**Elisabeth Wolfrum: "Pedestal properties of mitigated ELMy H-modes at high density at ASDEX Upgrade"**

**Federico Felici : "First results of real-time plasma state reconstruction using a model-based dynamic observer on ASDEX-Upgrade"**

**Michael Dunne : "Edge current density and pressure profile evolution during nitrogen seeded improved H-mode scenarios on ASDEX Upgrade"**

**Laszlo Horvath, Gergely Papp: "Changes in the radial structure of EPs during the chirping phase taking the uncertainties of the time-frequency transforms into account"**

**Louis Giannone : "Enhancements to the real-time magnetic equilibria on ASDEX Upgrade"**

**Anton Bogomolov : "Study of the ELM fluctuation characteristics during the mitigation of type-I ELMs"**

**Stefan Costea : "Investigations of poloidal velocity and shear in the SOL of ASDEX Upgrade"**

**Olivier Fevrier, M. Reich: "Modelling of magnetic island control with XTOR-2F"**

10.6.2014 12:15 ASDEX Upgrade Seminar

**EPS rehearsal: Talks and Posters**

**Carsten Lechte (12+3 VC): "Doppler Reflectometry Simulations for ASDEX Upgrade"**

**Matthias Bernert (25+5): "The H-mode density limit at the ASDEX Upgrade tokamak"**

**Peter Manz (25+5): "Influence of finite ion temperature on plasma blob dynamics"**

**Valentin Igochine (12+3): "Slow conversion of ideal MHD perturbations into a tearing mode after a sawtooth crash"**

**Golo Fuchert (30+10 EFTSOMP satellite meeting): "Blob properties in L- and H-mode plasmas of ASDEX Upgrade"**

**Posters directly after the talks:**

**Golo Fuchert (EFTSOMP satellite meeting): "Blob properties in L- and H-mode plasmas of ASDEX Upgrade"**

**Roman Ochoukov: "Experimental study of a possible role of the scrape off layer radial electric field in determining H-mode confinement properties on ASDEX Upgrade"**

**Francois Rytter: "Experimental evidence for the key role of the ion heat channel in the physics of the L-H transition"**

6.6.2014 10:30 IPP Institutskolloquium

**Prof. Laurence Warr** (Ernst Moritz Arndt University Greifswald; Chair of Economic geology, Mineralogy and Geochemistry.)

**CO<sub>2</sub>-Storage - possibilities and restrictions (CO<sub>2</sub>-Speicherung - Möglichkeiten und Grenzen)**

[Slides](#)

5.6.2014 15:45 HEPP Seminar

**Laura Mendoza**

**Felix Warmer**

**Solving the Vlasov equation using the semi-Lagrangian scheme on a 2D hexagonal mesh**

**Stellarator-specific developments for the systems code PROCESS**

23.5.2014 10:30 IPP Institutskolloquium

**Prof. Günther Hasinger** (Director of the Institute for Astronomy, University of Hawaii)

**"Exoplaneten und Killerasteroiden"**

21.5.2014 14:00 Wall Forum

**Von Toussaint / Schwarz-Selinger / Manhard / Mayer**

**Rehearsals PSI and H-workshop**

21.5.2014 9:00 Wall Forum

**Many**

**PSI poster rehearsal**



20.5.2014 14:30 *Wall Forum*

**Colas / Fedorczak / Sertoli / Tamain / Reux**

***PSI rehearsals (JET-related, agenda at***

***[http://users.jet.efda.org/tfwiki/index.php/Future\\_meetings](http://users.jet.efda.org/tfwiki/index.php/Future_meetings))***

20.5.2014 14:00 *Wall Forum*

**Sugiyama / Balden / Jacob**

***Rehearsals PSI and H-workshop***

20.5.2014 10:00 *Wall Forum*

**Brezinsek / Doai / Schmid / Kirschner / Heinola**

***PSI-rehearsals (JET-related, agenda at***

***[http://users.jet.efda.org/tfwiki/index.php/Future\\_meetings](http://users.jet.efda.org/tfwiki/index.php/Future_meetings))***

19.5.2014 10:15 *Wall Forum*

**Coenen / Järvinen / Huber / Carralero / Potzel / Scarabosio**

***PSI-rehearsals (JET-related, agenda at***

***[http://users.jet.efda.org/tfwiki/index.php/Future\\_meetings](http://users.jet.efda.org/tfwiki/index.php/Future_meetings))***

16.5.2014 13:30 *Wall Forum*

**Reimold**

16.5.2014 10:30 *IPP Institutskolloquium*

**Prof. Dr. Martin Meschede** (Institute of Geography and Geology, University of Greifswald)

***"Plate tectonics and global climate change: Influence of long ranging plate movements on the world climate system."***

***[Slides](#)***

16.5.2014 9:00 *Wall Forum*

**Meisl, Lunt**

***PSI rehearsals***

15.5.2014 16:00 *Wall Forum*

**Tom van Lochem** (TU Eindhoven)

***High heat flux performance of a chromium armoured divertor target - a computational study***

15.5.2014 15:45 *HEPP Seminar*

**Alexander Bock**

**Michael Cole**

***Reconstruction of q-profiles using Monte Carlo techniques***

***Simulation of Alfvén eigenmodes in tokamaks and stellarators***

14.5.2014 13:30 Wall Forum

**Wischmeier, Aho-Mantila**

*PSI rehearsals (JET-related, agenda at*

*[http://users.jet.efda.org/tfwiki/index.php/Future\\_meetings](http://users.jet.efda.org/tfwiki/index.php/Future_meetings))*

14.5.2014 12:15 ASDEX Upgrade Seminar

**Francois Ryter** (IPP)

*Key role of the edge ion heat flux in the L-H transition at ASDEX Upgrade*

9.5.2014 10:30 IPP Institutskolloquium

**Prof. Joachim Ankerhold** (Universität Ulm)

*Warum existiert überhaupt etwas und nicht vielmehr nichts - Von Leibniz zur modernen Physik*  
*[Slides](#)*

8.5.2014 13:00 Tokamakphysik Kaffeeseminar

**Andreas Stegmeir**

*Development of a 3D turbulence code with a flux surface independent approach - part II:*  
*turbulence simulations*

7.5.2014 15:30 Wall Forum

**Udo v. Toussaint** (IPP/NMPP)

*First-passage Monte Carlo: Diffusion simulation without all the hops*

*[Slides \(pwi presentation toussaint 2014 v08a.odp\)](#)*

*[Slides \(pwi presentation toussaint 2014 v08a.pdf\)](#)*

7.5.2014 13:00 Tokamakphysik Kaffeeseminar

**Andreas Stegmeir**

*Development of a 3D turbulence code with a flux surface independent approach - part I:*  
*numerical methods*

7.5.2014 9:00 MST Meeting

**L. Aho-Mantila, B. Sieglin, J. Madsen**

*AUG14-2.3-1: L-mode detachment and power load, preparation meeting for the 2nd session*

30.4.2014 15:30 Wall Forum

**Marco Sertoli** (IPP/E2M)

*Impact of tungsten events and dust on JET-ILW plasma operation*

*[Slides](#)*

30.4.2014 12:15 ASDEX Upgrade Seminar

**Franz Braun** (E1/ ICRF / IPP)

*An improved ICRF-antenna concept for future experiments (Comblin antenna)*

25.4.2014 10:30 IPP Institutskolloquium

**Prof. Michael Kramer** (Max-Planck-Institut für Radioastronomie Bonn)

*Nearly 100 years after General Relativity: Was Einstein right?*

[Slides](#)

17.4.2014 15:00 Tokamakphysik Kaffeeseminar

**Hauke Doerk**

*Beta scaling of confinement in fusion plasmas - a gyrokinetic perspective*

17.4.2014 9:00 ASDEX Upgrade Seminar

**Rehearsal: EC18 WS in Nara (Japan)**

**Omar Maj (40')**: tbd

**Emanuele Poli (20')**: tbd

**Martin Schubert (20')**: "Machine safety issues with respect to the extension of ECRH systems at ASDEX Upgrade"

**Joerg Stober (20')**: "High power ECRH and ECCD in moderately collisional AUG H-modes and status of EC system upgrade"

**Joerg Stober (Poster)**: "Feedback controlled NTM stabilization on ASDEX Upgrade"

15.4.2014 14:00 MST Meeting

**B.Esposito, M.Maraschek**

*KO - meeting for AUG14-13-1: Disruption Avoidance*

11.4.2014 12:30 Edge Physics Forum

**Msc. Aqsa Shabbir / Prof. Geert Verdoolaege** (Gent University)

*On statistical classification of ELM-types - preliminary results -*

[Slides](#)

9.4.2014 15:30 Wall Forum

**Liang Gao** (IPP/E2M)

*Interaction of Deuterium Plasma with Sputter-Deposited Tungsten Nitride films*

[Slides](#)

9.4.2014 12:15 Edge Physics Forum

**Aaro Järvinen** (Aalto University)

*Interpretation of radiative divertor studies with impurity seeding in type-I ELMy H-mode plasmas in JET-ILW using EDGE2D/EIRENE*

[Slides](#)

7.4.2014 15:30 *Edge Physics Forum*

**Gerd Meisl** (Max-Planck-Institut für Plasmaphysik)

***WallDYN simulations of N migration in ASDEX Upgrade***

[Slides](#)

4.4.2014 13:30 *Tokamakphysik Kaffeeseminar*

**Francois Orain** (CEA, Übertragung aus Cadarache)

***Physics of ELMs and of their control by RMPs***

4.4.2014 10:30 *IPP Institutskolloquium*

**Prof. Tim Sluckin** (University of Southampton)

***History of liquid crystals***

[Slides](#)

4.4.2014 9:00 *Tokamakphysik Kaffeeseminar*

**Giovanni Grossetti** (KIT)

***DEMO-1: Assessment of ECCD efficiency for top injection with respect to engineering constraints***

28.3.2014 10:30 *IPP Institutskolloquium*

**Prof. Dr. Michael Rodi** (University of Greifswald, Faculty of Law and Economics; Director of IKEM (Institute for Climate Change, Energy and Mobility), Berlin)

***"Warum sind Bemühungen um ein wirksames internationales Klimaschutzregime erfolglos?"***

26.3.2014 15:30 *Wall Forum*

**Agnès Tempez** (HORIBA Scientific)

***Plasma Profiling Time of Flight Mass Spectrometry: A new powerful technique for material characterisation***

[Slides](#)

25.3.2014 12:15 *Edge Physics Forum*

**Juho Miettunen** (Aalto University)

***Dissociation of methane and nitrogen molecules and global transport of tracer impurities in an ASDEX Upgrade L-mode plasma***

24.3.2014 15:00 *MST Meeting*

**Joffrin / Schweinzer**

***Preparation of ITER BL AUG14-1.1-1***

24.3.2014 12:15 ASDEX Upgrade Seminar

**Markus Teschke** (IPP)

**Statusbericht zur schnellen B-Spulenversorgung BUSSARD**

21.3.2014 10:30 IPP Institutskolloquium

**Prof. Guido Boffetta** (University of Turin)

**Two-dimensional turbulence in three-dimensional flows**

[Slides](#)

21.3.2014 10:00 MST Meeting

**Andrew Kirk, Wolfgang Suttrop, and others**

**MST1-AUG14-1.2-4 (low collisionality MP ELM mitigation) planning meeting**

14.3.2014 10:30 IPP Institutskolloquium

**Prof. Hans-Walter Rix** (Max-Planck-Institut für Astronomie Heidelberg)

**The origin of our Milky Way**

[Slides](#)

13.3.2014 10:00 MST Meeting

**Rui Coelho and Sina Fietz**

**Kick-off meeting AUG14-1.4-4: NTM dynamics and external magnetic perturbations**

12.3.2014 15:30 Wall Forum

**Armin Manhard** (IPP/E2M)

**Effective D Flux, Solute Concentration and Filling of W with D in TESSIM**

[Slides](#)

12.3.2014 10:00 MST Meeting

**E. Wolfrum, E. Viezzer, others**

**Kick-Off Meeting AUG14-1.2-1: Comparison of pedestal evolution in deuterium and hydrogen plasmas**

12.3.2014 9:00 ASDEX Upgrade Seminar

**DPG rehearsal**

**Tim Happel (25+5): "Der Turbulenz auf der Spur durch Vergleiche von Reflektometriemessungen mit gyrokinetischen Simulationen"**

**Peter Lang (25+5): "High-density operation with pellets on ASDEX Upgrade - and its impact on the DEMO design"**

**Tilmann Lunt (25): "The snowflake divertor, physics of a new concept for power exhaust of fusion plasmas"**

**Gregor Birkenmeier (25+5): "The physics of intermittent transport processes in the edge of**

*magnetically confined plasmas"*

**Alexander Lebschy (10+5): "Rekonstruktion der Elektronendichte mit Hilfe von Emissionsspektroskopie am Neutralstrahl"**

**Poster:**

**Mathias Dibon: "Blower Gun pellet injection system for W7-X"**

**Alexander Bock: "Reconstruction of q-profiles using Monte-Carlo-technique"**

**Dmitrii Prisiazhniuk: "First Turbulence Measurement using Poloidal Correlation Reflectometry at ASDEX Upgrade"**

**Alexander Lessig: "Towards non-linear Simulations of full ELM Crashes in ASDEX-Upgrade"**

**Till Sehmer: "Growth of Axisymmetric Instabilities in ASDEX-Upgrade and Influence of Triangularity"**

**Anna Medvedeva: "Experimental study of the radial structure of turbulence with a ultra-fast sweeping reflectometer in ASDEX Upgrade"**

10.3.2014 12:30 Core Physics Forum

**Till Sehmer**

**Growth of axisymmetric instabilities in ASDEX-Upgrade**

[Slides](#)

6.3.2014 10:00 MST Meeting

**G. Pautasso et al.**

**KOM of Task 14-11 on Disruption Prediction**

28.2.2014 10:30 IPP Institutskolloquium

**Prof. Elisa Resconi (TU München)**

**High energy neutrinos from the Cosmos - Recent results from the IceCube Neutrino Telescope**

[Slides](#)

27.2.2014 14:30 MST Meeting

**Martin Valovic/ Peter Lang (CCFE)**

**AUG14-1.6-1 Kick-off meeting**

[Slides](#)

27.2.2014 8:00 MST Meeting

**Mervi Mantsinen**

**T14-5 kick-off meeting**

26.2.2014 16:00 MST Meeting

**Ben Geiger**

**1.7-1 kick-off meeting**

26.2.2014 16:00 MST Meeting

**C. Hopf**

***MST1 1.7-1 NBCD***

26.2.2014 15:30 Wall Forum

**Klaus Schmid (IPP/E2M)**

***Modelling isotope exchange in W***

[Slides](#)

26.2.2014 12:15 ASDEX Upgrade Seminar

**Yutaka Kamada (JT-60SA)**

***JT-60SA Research Plan and European Involvement***

26.2.2014 10:00 MST Meeting

**Manuel Garcia-Munoz**

***1.7-4 kick-off meeting***

25.2.2014 10:00 MST Meeting

**Fulvio Militello, Benoît Labit**

***T14-10 kick-off meeting***

24.2.2014 14:00 MST Meeting

**Stefan Nielsen and Benedikt Geiger**

***Followup meeting, AUG14-1.7-3: Effect of sawteeth on fast ions***

21.2.2014 10:30 IPP Institutskolloquium

**Dr. Richard Kamendje** (Physics Section, International Atomic Energy Agency, Vienna, Austria)

***The IAEA and its commitment to nuclear fusion research: current and future perspectives***

[Slides](#)

20.2.2014 14:00 MST Meeting

**G. Pautasso et al.**

***MST1 1.3-2 Disruption mitigation***

19.2.2014 15:30 Wall Forum

**Dongping Liu** (School of Physics and Materials Engineering, Dalian Nationalities University, Dalian 116600, People's Republic of China AND Fujian Key Laboratory for Plasma and Magnetic Resonance, Department of Electronic Science, Aeronautics, School of Physics and Mechanical & Electrical Engineering, Xiamen University, Xiamen, Fujian 361005, People's Republic of China)

***Microscopic evolution of pre-damaged and undamaged W and Mo materials exposed to low-energy and high-flux helium ions***

19.2.2014 10:00 MST Meeting  
**E. Wolfrum, L. Barrera, etc.**  
**MST14 1.2-6 kick-off meeting**

17.2.2014 14:00 MST Meeting

**Kick-off meeting, "Characterisation of ICRF related sheath and coupling effects" (AUG14-1.5.2)**

14.2.2014 10:30 IPP Institutskolloquium  
**Ortwin Renn** (University of Stuttgart)  
**Socioeconomic dimensions of geo-engineering: Requirements for risk governance**

12.2.2014 15:30 Wall Forum  
**Maik Sode** (IPP/E2M)  
**Hydrogen-nitrogen-argon laboratory plasmas: particle densities and plasma chemistry**  
[Slides](#)

12.2.2014 14:30 MST Meeting  
**Philip Schneider**  
**MST 1.1-3 - beta & rho\* parameter scans - E2 seminar room**

12.2.2014 10:00 MST Meeting  
**Samuli Saarelma**  
**Kick-off meeting of MST1, Task 14-2:Modelling of ELMs and pedestal**

10.2.2014 12:15 ASDEX Upgrade Seminar  
**Volker Rohde**  
**Capacitive dust monitor experience on AUG**

7.2.2014 13:30 MST Meeting  
**Exp. Team: W asymmetries (AUG14-1.5-1)**  
**Kick-Off Meeting for Ex. Planning of 'W asymmetries' (AUG14-1.5-1)**

7.2.2014 10:30 IPP Institutskolloquium  
**Prof. Erwin Frey** (LMU München)  
**Physics of Life Processes: In search of design principles of life**

7.2.2014 10:30 MST Meeting  
**Bernert, Huber**  
**AUG14-1.1-6 H-mode density limit, first meeting**



7.2.2014 10:00 MST Meeting

**Weiland, Garcia-Munoz**

***Kick-off Meeting for MST1 1.7-2 Experiments on "Effect of Alfvén instabilities on fast ions"***

7.2.2014 9:00 MST Meeting

**T. Bolzonella, others**

***T14-4 "Coordination of modelling on MHD stability and its control" Kick off Meeting***

6.2.2014 15:45 HEPP Seminar

### ***Round Table***

6.2.2014 15:00 MST Meeting

**L. Frassinetti, M. Dunne, others**

***AUG14-1.1-2 "Impurity seeded improved H-modes" kick off meeting***

5.2.2014 15:30 Edge Physics Forum

**Florian Laggner**

***Determination of electron density perturbations with the Lithium beam diagnostic (Masterarbeit)***

5.2.2014 13:30 MST Meeting

**MST1 Task Force meeting**

5.2.2014 12:15 ASDEX Upgrade Seminar

**Alexander Lebschy (IPP)**

***Electron density reconstruction using beam emission spectroscopy***

5.2.2014 10:30 MST Meeting

**Various**

***Kick-off meeting NTM control using ECCD MST1.4-2***

5.2.2014 10:00 MST Meeting

**Felix Reimold**

***AUG14-2.1.2 - H-Mode Detachment & HFS-High-Density***

3.2.2014 15:00 Wall Forum

**Dmitry Kogut (CEA, Cadarache)**

***Study and optimisation of wall conditioning of tokamaks; application to ITER***

**[Slides](#)**

31.1.2014 13:00 MST Meeting

**N. Vianello, H.W. Mueller**

***AUG14-2.2-3 'SOL filamentary transport at high density' Meeting***

30.1.2014 15:45 HEPP Seminar

**J. Bräckle**

**J. Duras**

***Preconditioning for eigenvalue computations in GENE***

***Ion thruster plume simulation***

30.1.2014 14:00 MST Meeting

**Exp. Team: W asymmetries (AUG14-1.5-1)**

***Kick-Off Meeting for Ex. Planning of 'W asymmetries' (AUG14-1.5-1)***

30.1.2014 9:00 MST Meeting

***AUG14-1.4-1 Sawtooth Control Meeting (MST1)***

29.1.2014 15:30 Wall Forum

**Hans Maier (IPP/E2M)**

***Gas retention and erosion of tungsten under high heat flux loading with H/He in GLADIS***

***[Slides](#)***

29.1.2014 14:00 MST Meeting

**several speakers**

***MST1-AUG14-1.2-4 kick-off meeting***

29.1.2014 14:00 MST Meeting

**TF members**

***MST Task Force Meeting (weekly)***

29.1.2014 12:30 ASDEX Upgrade Seminar

**Bernhard Sieglin (IPP)**

***Divertor power load studies in all metal ASDEX Upgrade and JET***

28.1.2014 14:00 MST Meeting

***Kickoff meeting MST1 Mission AUG14 1.8-2 "Model-based real-time plasma profile reconstruction and prediction"***

28.1.2014 10:00 MST Meeting

**Yann Camenen**

***T14.1 (Core transport modelling): kick-off meeting***

27.1.2014 13:00 MST Meeting

**various speakers**

**AUG14-1.2-5 'L-mode plasma response to magnetic perturbations at low density' Kick-off meeting**

27.1.2014 12:15 ASDEX Upgrade Seminar

**Olivier Sauter** (Ecole Polytechnique Federale de Lausanne (EPFL), Centre de Recherches en Physiques des Plasmas (CRPP), Lausanne, Switzerland )

***On the non-stiffness of edge transport in L-modes***

24.1.2014 14:00 MST Meeting

**Valentin Igochine**

***MST1: Beta limit with conducting structures***

24.1.2014 13:30 MST Meeting

**Bernert, Lipschultz**

***AUG14-2.1-1 High radiation scenarios, first meeting***

24.1.2014 10:30 IPP Institutskolloquium

**Dr. Daiju Narita** (Kiel Institute for the World Economy)

***"Challenges of energy policy after Fukushima: The case of Japan"***

[Slides](#)

23.1.2014 15:45 HEPP Seminar

**M. Pamperin**

**L. Casali**

***Quantum kinetics of charge-transferring atom-surface collisions***

***Transport analysis of high radiation and high density plasmas at ASDEX Upgrade***

23.1.2014 11:00 Wall Forum

**Chun Li** (Tsinghua Univ. Beijing)

***Surface investigation of actively cooled W components for EAST after HHF loading with pure H and He***

[Slides](#)

22.1.2014 15:30 Edge Physics Forum

**Prof. Kurt Behringer**

***Modellierung Einige Spektren des Wasserstoffmoleküls und seiner Isotope***

22.1.2014 12:15 ASDEX Upgrade Seminar

**Andreas Burckhart** (IPP)

***ELMs at ASDEX Upgrade and their linear stability analysis***

20.1.2014 12:15 ASDEX Upgrade Seminar

**Garrard Conway**

***Edge Er and turbulence behaviour with MP coils in ASDEX Upgrade***

16.1.2014 14:00 MST Meeting

**Marco Sertoli**

***AUG14-1.5-3 experimental planning meeting***

16.1.2014 13:00 MST Meeting

**N. Vianello, H.W. Mueller**

***AUG14-2.2-3 "SOL filamentary transport at high density" - Kick-off Meeting***

15.1.2014 15:00 MST Meeting

**L. Aho-Mantila, B. Sieglin**

***AUG14-2.3-1 "L-mode detachment and power load" kick-off meeting***

13.1.2014 12:15 ASDEX Upgrade Seminar

**Alexander Mlynek (IPP)**

***Status of the interferometer and DCN polarimeter***

10.1.2014 11:00 IPP Institutskolloquium

**Dr. Georg Herdrich (Institute of Space Systems (IRS), Stuttgart University )**

***"Overview on Electric and Advanced Propulsion Development Activities at IRS"***

[Slides](#)

9.1.2014 0:00 HEPP Seminar

**Tim Teichmann**

**Michael Cole**

***Numerical investigations on momentum transport in low temperature plasmas***

***FLUTERPE – A new fluid electron, kinetic ion hybrid model with applications for fast particles***

18.12.2013 13:00 Tokamakphysik Kaffeeseminar

**Dr. William Hornsby**

***Tearing modes in Global Gyrokinetics***

16.12.2013 12:15 ASDEX Upgrade Seminar

**Rehearsals for the IAEA DEMO Workshop (17.-19.12.)**

***Arne Kallenbach (20'): "Reactor radiative cooling scenarios with high core- and divertor radiation levels"***

***Peter Lang (30'): "Considerations for DEMO: Fuelling, Pumping, Disruption mitigation"***

12.12.2013 15:45 HEPP Seminar

**S.S. Cerri**

***The role of collisions on 2D gyrokinetic turbulence***

11.12.2013 10:00 Tokamakphysik Kaffeeseminar

**Dr. Natalia Tronko**

***Exact conservation law for GK Vlasov-Poisson equations***

5.12.2013 12:30 Tokamakphysik Kaffeeseminar

**Konstantin Finke**

***Kinematic dynamo onset and magnetic field saturation in rotating spherical Couette and periodic box simulations***

4.12.2013 12:15 ASDEX Upgrade Seminar

**Chris Rapson**

***Simulations of feedback control system for NTM stabilisation in ASDEX Upgrade***

2.12.2013 12:15 ASDEX Upgrade Seminar

**rehearsals (20'+5') for 21st European Fusion Physics Workshop, 9.-11.12.2013**

**Valentin Igochine: "MHD Control for DEMO"**

**Peter Lang: "Pellet fueling in DEMO: physics requirements and technological potential"**

**Giovanni Tardini: "Scaling of kinetic profiles and ECCD studies for different DEMO designs"**

29.11.2013 10:30 IPP Institutskolloquium

**Dr. Marco Wischmeier** (Max-Planck Institut für Plasmaphysik)

***"Power exhaust in Fusion Devices"***

[Slides](#)

28.11.2013 15:45 HEPP Seminar

**T. Teichmann**

**M. Weidl**

**Tbd**

***Cosmic-ray diffusion in astrophysical turbulence***

25.11.2013 12:15 ASDEX Upgrade Seminar

**Jonathan Jacquot** (Universite de Lorraine, Nancy and CEA)

***Non-linear self-consistent description of the wave propagation and the scrape-off layer in a magnetized plasma***

18.11.2013 12:15 ASDEX Upgrade Seminar

**Felix Hoppe** (IPP)

***Investigation of power spreading in Tokamak Divertors using numerical tools***

14.11.2013 15:45 HEPP Seminar

**D. Jarema**

**H. Hölbe**

*Adaptive grids for GENE*

*Numerical studies and optimization of safe divertor operation in high-power discharges of W7-X*

8.11.2013 10:30 IPP Institutskolloquium

**Dr. Matthias Englert** (Interdisciplinary Research Group in Science, Technology, and Security, Darmstadt University of Technology.)

*Peaceful Fusion - Managing Potential Proliferation Risks of Magnetic Fusion Power Plants*

[Slides](#)

7.11.2013 15:45 HEPP Seminar

**C. Killer**

**M. Oberparleitner**

*Dust-induced transformation of electron heating in low-temperature rf discharges*

*Treatment of neoclassical transport in gyrokinetic turbulence simulations*

6.11.2013 12:15 ASDEX Upgrade Seminar

**J. Schweinzer**

*Development of the Q=10 Scenario for ITER on ASDEX Upgrade (10'+2')*

4.11.2013 13:00 ASDEX Upgrade Seminar

**Poster rehearsals for the APS (Denver, 11.-15.11.2013)**

**Marco Wischmeier (P):** *Implication of a shock front in the X-point region of ASDEX Upgrade on the evolution of divertor detachment*

**Leena Aho-Mantila (P):** *"Radiative L-mode Edge Plasma Regimes in JET and ASDEX Upgrade"*

4.11.2013 12:15 ASDEX Upgrade Seminar

**Bernhard Plöckl (IPP)**

*Umzug und Umbau der AUG Pellet-Zentrifuge*

31.10.2013 12:15 ASDEX Upgrade Seminar

**rehearsals for the Data Validation workshop (Ghent, 4.-6.11.2013)**

**Raffaele Aledda (20'+10'):** *"Data visualization and dimensionality reduction methods for disruption prediction at ASDEX Upgrade"*

**Marco Sertoli (20'+10'):** *"New method for the evaluation of 2D impurity density in the presence of MHD instabilities in tokamak plasmas"*

**R. Fischer (20'+10'):** *"Recent developments of IDA at ASDEX"*

**Poster rehearsal after the talks:**

**Simppa Aekaeslompolo (Garcia-Munoz):** *"?"*

**Matthias Bernert:** *"H-mode density limit studies at ASDEX Upgrade"*

**Alessandro Biancalani:** *"Nonlinear global simulations of GAMs and Alfvén instabilities in"*

*tokamaks with the gyrokinetic code NEMORB"*

*Alberto Bottino: "Fluid moments and spectral diagnostics in global gyrokinetic simulations"*

*David Coster: "SOLPS modelling of controlled ELMs for ITER"*

*Federico Felici: "?"*

*Sina Fietz: "Interaction of neoclassical tearing modes with externally applied magnetic perturbations in ASDEX Upgrade"*

*Benedikt Geiger: "Fast-ion transport studies by FIDA spectroscopy at ASDEX Upgrade"*

*M. Komm: "Fast measurements of ion temperature in ELM filaments in the ASDEX Upgrade scrape-off layer"*

*Tilmann Lunt: "EMC3-Eirene simulations of the impact of Magnetic Perturbations on the neutral particle recycling in ASDEX Upgrade"*

*Patrick McCarthy: "Equilibrium reconstruction of local shear in the pedestal on ASDEX Upgrade"*

*Emanuele Poli: "ECCD capabilities for NTM stabilization via the Upper Launcher from ramp-up to ramp-down phases of ITER scenarios"*

*Vladimir Rozhansky (Coster): "Modeling of I-phase of ASDEX-Upgrade"*

*Antti Salmi: "Numerical simulations of thermal ion orbit losses, the resulting toroidal rotation and comparison with experimental measurements"*

26.6.2013 11:00 *Edge Physics Forum*

**Hans Werner Müller**

*Characterization of non-axisymmetric magnetic perturbation induced SOL turbulence changes in ASDEX Upgrade low-density L-mode (Rehearsal for the IWEP workshop)*

25.6.2013 12:15 *ASDEX Upgrade Seminar*

**EPS rehearsal (oral and posters)**

*George Bonheure (12'+3'): "First escaping fast ion measurements in ITER-like geometry using an activation probe" (remotely from Brussels)*

*Thomas Puetterich (25'+5'): "Taming Tungsten in JET and ASDEX Upgrade"*

*Daniel Carralero (12'+3'): "Influence of resistivity on filamentary transport in the SOL of ASDEX Upgrade"*

**Poster rehearsal after the talks:**

*Gabor Cseh (Tamas Szepesi): "Databases to determine pellet ablation scaling laws in tokamak plasmas"*

*Olivier Hoenen: "Designing and running turbulence transport simulations using a distributed multiscale computing approach"*

*Gabor Kocsis (Tamas Szepesi): "Investigation of the pellet cloud radiation dynamics at ASDEX Upgrade"*

*Didier Mazon: "Study of heavy impurity poloidal asymmetries induced by ICRH in ASDEX Upgrade using SXR tomography reconstruction"*

*Sylvia Rathgeber: "Correlation of kinetic edge data with type-I and mitigated ELMs"*

*Volker Rohde: "Nitrogen balance and ammonia formation during nitrogen seeded discharges at ASDEX Upgrade"*

**Tamas Szepesi:** *"Pellet-induced MHD activity in H-mode plasmas at ASDEX Upgrade"*  
**Elisabeth Wolfrum:** *"Evidence for increased fuelling by application of magnetic perturbations at high density at ASDEX Upgrade"*  
**Olivier Meyer (?):** *"«WEST» like divertor geometry experiments in ASDEX Upgrade"*  
**Steffen Potzel:** *"On the detachment fluctuations at ASDEX Upgrade"*  
**Mirko Salewski (B. Geiger):** *"A diagnostician's dream: Velocity-space tomography using many-view CTS or FIDA systems"*  
**Josef Schweinzer:** *"Demonstration of the ITER Baseline Scenario on ASDEX Upgrade"*

24.6.2013 12:15 ASDEX Upgrade Seminar

**EPS rehearsal (oral and posters)**

**Arne Kallenbach (25'+5'):** *"Impurity seeding for tokamak power exhaust: from present devices via ITER to DEMO"*

**Eleonora Viezzer (25'+5'):** *"Rotation and density asymmetries in the presence of large poloidal impurity flows in the edge pedestal"*

**Poster rehearsal after the talks:**

**Laura Barrera Orte:** *"Electron temperature evolution during mitigated ELM regimes in ASDEX Upgrade"*

**Gregor Birkenmeier:** *"Investigations of the magnetic field dependence of blob velocity and size with Li-BES at ASDEX Upgrade"*

**Garrard Conway:** *"Impact of magnetic perturbation coils on the edge radial electric field in ASDEX Upgrade"*

**Olgerts Dumbrajs (Igochine):** *"RMP ELM suppression analysis by means of a low-dimensional model system for quasi-periodic plasma perturbations"*

**Ralph Dux:** *"Transport of tungsten in the H-mode edge transport barrier of ITER"*

**Rainer Fischer:** *"Magnetic equilibrium reconstruction using geometric information from temperature measurements at ASDEX Upgrade"*

**Christoph Fuchs:** *"Separatrix displacement in the presence of 3D external magnetic perturbations on ASDEX Upgrade"*

**Peter Manz:** *"Velocimetry aided wavelet cross-phase analysis of type-I ELM precurs"*

**Marc Maraschek:** *"Measurement and impact of the n=1 intrinsic error field at ASDEX Upgrade"*

**Juho Miettunen (Hans Werner Mueller):** *"Dissociation of 13CH4 and 15N2 and the global transport of impurities in an ASDEX Upgrade L-mode plasma"*

**Hans Werner Mueller:** *"SOL Turbulence Modification by Non-axisymmetric Magnetic Perturbations in L-mode"*

**Matthias Reich:** *"NTM stabilization experiments at ASDEX Upgrade"*

**Wolfgang Suttrop:** *"Search for an ELM suppression regime with non-axisymmetric magnetic perturbations at low edge collisionality in ASDEX Upgrade"*

21.6.2013 15:00 ASDEX Upgrade Seminar

**Marc Beurskens**

*The Effect of a Metal Wall on Confinement in JET and ASDEX-Upgrade*



21.6.2013 13:30 ASDEX Upgrade Seminar

**EPS poster rehearsal**

**Clemente Angioni:** *"Neoclassical and turbulent transport of W in toroidally rotating JET plasmas"*

**Alberto Bottino:** *"Fluid moments and spectral diagnostics in global gyrokinetic simulations"*

**Louis Giannone:** *"Real-time magnetic equilibria for pre-emptive NTM stabilization experiments on ASDEX Upgrade"*

**Silvia Graca (Conway):** *"Poloidal velocity of MHD modes at the edge of the ASDEX Upgrade tokamak"*

**Tim Happel:** *"Wavenumber-resolved turbulence investigations in the ASDEX Upgrade tokamak and comparison to numerical simulations"*

**Valentin Igochine:** *"Identification of the beta limit in ASDEX Upgrade"*

**Athina Kappatou:** *"Interpretation of helium charge exchange spectra for transport studies in fusion plasmas"*

**Alexander Mlynek:** *"Improved phase detection schemes for plasma interferometry"*

**Philip Schneider:** *"Observation of different phases during an ELM crash with the help of nitrogen seeding"*

**Patrick Simon:** *"Investigation of geodesic acoustic mode oscillations using Doppler reflectometry in ASDEX Upgrade" (3rd FUSENET PhD Event in Fusion Science and Engineering)*

21.6.2013 10:00 Tokamakphysik Kaffeeseminar

**Remo Kretschmann**

*Weak spectral synthesis on polynomial hypergroups*

20.6.2013 15:45 HEPP Seminar

**Vasil Bratanov**

**Tom Bird**

*Simple models for dissipation-dependent power laws of turbulent spectra*

*Turbulent transport in Stellarators*

20.6.2013 14:30 ASDEX Upgrade Seminar

**Poster rehearsal: 20th International Conference on Radio Frequency Power to Plasmas (RF 2013), 25 - 28 Jun 2013, Sorrento, Italy**

**Roberto Bilato:** *Overview of recent developments in TORIC-SSFPQL package with applications to ICRF scenarios in ASDEX-Upgrade*

**Volodymyr Bobkov:** *Influence of Gas Injection Location and Magnetic Perturbations on ICRF Antenna Performance in ASDEX Upgrade*

**Laurent Colas:** *2D mapping of ICRF-induced Scrape-Off Layer modifications with a Retarding Field Analyser on ASDEX-upgrade*

**Helmut Faugel:** *Upgrading the ICRF data acquisition system at ASDEX Upgrade*

**A Lyssoivan:** *RF PHYSICS OF ICWC DISCHARGE AT HIGH CYCLOTRON HARMONICS*

**Ivan Stepanov:** *Improved measurements of ICRF antenna input impedance at ASDEX Upgrade*

*during ICRF coupling studies*

**Naoto Tsujii: EFFECT OF COLLISIONAL HEAT TRANSFER IN ICRF POWER MODULATION EXPERIMENT ON ASDEX-UPGRADE**

**Rodolphe d'Inca: Characterization of the fast ions distribution from Ion Cyclotron Emission measurements**

**Roberto Bilato: Toroidal trapping effects in the surface-averaged Fokker--Planck SSFPQL solver**

**Roberto Bilato: ICRF-code benchmark activity in the framework of the European Task-Force on Integrated Tokamak Modelling**

**Josef Köppl: RF-Fingerprint Characterization of Vacuum Power Tubes and Devices**

20.6.2013 12:15 ASDEX Upgrade Seminar

**EPS rehearsal**

**Emiliano Fable (25'+5'): "Novel free boundary equilibrium and transport solver with theory-based models and its validation against ASDEX Upgrade current ramp scenarios"**

**Bernhard Sieglin (25'+5'): "Power load studies in JET and ASDEX Upgrade with full-W divertors"**

**Peter Lang (12'+3'): "Pellet as tool for high density operation and ELM control in ASDEX Upgrade"**

19.6.2013 15:30 Wall Forum

**J. Riesch, H. Maier (IPP/E2M)**

**Riesch: Tungsten fibre-reinforced tungsten: A novel tungsten composite material with increased toughness and crack resistance**

**Maier: Tungsten erosion under combined H/He high heat flux loading**

19.6.2013 14:00 ASDEX Upgrade Seminar

**Asger Schou Jacobsen**

**How to compute velocity-space tomographies using several fast-ion diagnostics**

18.6.2013 12:30 Tokamakphysik Kaffeeseminar

**Hannes Weber**

**Effect of edge fluctuations in Tokamak plasmas on electron cyclotron beams calculated via Wigner-Weyl formalism**

17.6.2013 12:15 ASDEX Upgrade Seminar

**F. Sommer**

**H-mode characterisation for dominant ECRH and comparison to dominant NBI and ICRF heating at ASDEX Upgrade**

17.6.2013 10:00 ASDEX Upgrade Seminar

**Antti Hakola**

**Migration of impurities in fusion reactors: what have we learnt?**

14.6.2013 12:30 ASDEX Upgrade Seminar

**Mike Dunne** (IPP)

***Inter-ELM evolution of the edge current density profile on the ASDEX Upgrade tokamak***

14.6.2013 9:00 IPP Institutskolloquium

**Prof. Stefaan Poedts** (KU Leuven)

***Space Weather Prediction***

[Slides](#)

12.6.2013 15:30 Wall Forum

**Hsin-Yin Chiang** (TU München)

***Material selection of U-8wt%Mo/Al fuel: RBS studies***

11.6.2013 12:15 ASDEX Upgrade Seminar

**Philip A. Schneider** (IPP)

***Neutral Particle Analyzers at ASDEX Upgrade: overview, recent developments and measurements***

10.6.2013 12:15 ASDEX Upgrade Seminar

**M. Wischmeier**

***Status of JT-60SA***

7.6.2013 9:00 IPP Institutskolloquium

**Prof. Hans Mathias Kepplinger** (Institut für Publizistik der Universität Mainz)

***Die Fusionsenergie im medialen Sog von Fukushima***

[Slides](#)

6.6.2013 15:45 HEPP Seminar

**Felix Reimold**

**Kristian Rackow**

***H-mode detachment in ASDEX Upgrade***

***Erosion of thermionic electrodes in fluorescent lamps***

6.6.2013 11:00 ASDEX Upgrade Seminar

**R. Neu**

***Tungsten Experiences in ASDEX Upgrade and JET***

3.6.2013 12:15 ASDEX Upgrade Seminar

**Matthias Hölzl**

***Aktueller Stand nichtlinearer ELM-Simulationen für ASDEX Upgrade***

31.5.2013 9:00 *IPP Institutskolloquium*

**Prof. Denis Belomestny** (Universität Duisburg-Essen, Fachbereich Mathematik, Lehrstuhl Angewandte Stochastik)

***Solving high-dimensional free boundary problems via multilevel Monte Carlo: convergence and complexity analysis.***

[Slides](#)

28.5.2013 15:30 *Tokamakphysik Kaffeeseминаr*

**Roberto Paccagnella** (RFX)

***3D simulations of Tokamak disruptions (broadcast from Padova)***

24.5.2013 12:30 *Tokamakphysik Kaffeeseминаr*

**Francis Casson**

***Impact of strong rotation on gyrokinetic turbulence in tokamaks***

24.5.2013 9:00 *IPP Institutskolloquium*

**Prof. Holger Fehske** (Institute of Physics, Ernst Moritz Arndt University Greifswald)

***Klein tunnelling, Mie scattering or Anderson localisation - quantum transport through graphene based structures***

[Slides](#)

21.5.2013 12:30 *Tokamakphysik Kaffeeseминаr*

**Emanuele Poli**

***Finite orbit width effects on NTM stability***

21.5.2013 10:30 *Wall Forum*

**Dr Dmitry L Rudakov** (University of California, San Diego Center for Energy Research, Fusion Division)

(On assignment at General Atomics)

***Dust and arcing studies in DIII-D***

17.5.2013 10:30 *Edge Physics Forum*

**Mr. Choongki Sung** (MIT, USA)

***Study of ohmic energy confinement transition through Core Electron Temperature Fluctuation Core Measurements and Gyrokinetic analyses in Alcator C-Mod (20 minutes)***

[Slides](#)

17.5.2013 9:00 *IPP Institutskolloquium*

**Prof. Marc Timme** (Network Dynamics, Max Planck Institute for Dynamics and Self-Organization Göttingen)

***Self-Organization, (In-)Stability and Braess' Paradox in Modern Power Grids***

[Slides](#)

16.5.2013 15:45 HEPP Seminar

**Christoph Kowitz**

**Tom Bird**

***The sparse grid combination technique in linear gyrokinetics***

***Turbulent heat transport in Stellarators***

16.5.2013 12:30 Edge Physics Forum

**Diane Demers** (University of Wisconsin, USA)

***Overview of Heavy Beam Probe development and methods***

[Slides](#)

14.5.2013 14:00 ASDEX Upgrade Seminar

**Wolfgang Suttrop**

***Influence of non-axisymmetric magnetic perturbations on high-confinement mode plasmas in ASDEX Upgrade***

14.5.2013 9:00 HEPP Seminar

**Guest Lecture**

**Anne White**

***Experimental techniques to measure turbulent electron temperature fluctuations***

6.5.2013 14:00 Edge Physics Forum

**Wolf Weymies** (Dutch Institute for Fundamental Energy Research, Netherlands)

***Bifurcation analysis of L-H transitions***

[Slides](#)

6.5.2013 12:15 ASDEX Upgrade Seminar

**M. Reich**

***Overview of Experiments on ECCD based real-time NTM control***

3.5.2013 9:00 IPP Institutskolloquium

**Prof. Eric Priest** (University of St Andrews)

***Magnetic Reconnection on the Sun***

[Slides](#)

2.5.2013 15:45 HEPP Seminar

**Gerd Meisl**

***Nitrogen-Deuterium bombardment of Tungsten and Analysis with XPS***

2.5.2013 15:30 ASDEX Upgrade Seminar

**Prof. Dr. Yuanxi Wan** (University of Science and Technology in Hefei, Anhui, China)

***Road map of Chinese fusion research and the first Chinese fusion reactor - CFETR***

30.4.2013 12:15 Edge Physics Forum

**Alex Chankin**

***On W re-deposition at the divertor target***

[Slides](#)

29.4.2013 12:15 ASDEX Upgrade Seminar

**Stefan Mueller**

***Turbulence and flow measurements in the X-point region during L-H transitions in ASDEX Upgrade***

26.4.2013 9:00 IPP Institutskolloquium

**Dr. Alberto Bottino** (IPP Garching)

***Global nonlinear gyrokinetic particle-in-cell simulations in tokamaks***

19.4.2013 9:00 IPP Institutskolloquium

**Dr. Henning Thomsen** (IPP Greifswald)

***Breaking the toroidal symmetry: effects on ELMs and equilibrium***

18.4.2013 15:45 HEPP Seminar

**Andreas Stegmeir**

**Andre Schella**

***Development of a turbulence code for the scrape-off layer in tokamaks  
Dynamical properties of finite dust clouds***

17.4.2013 15:30 Wall Forum

**K. Schmid** (IPP/E2M)

***WallDYN based retention modeling of JET and extrapolation to ITER***

[Slides](#)

17.4.2013 12:15 ASDEX Upgrade Seminar

***Rehearsals for 11th International Reflectometer Workshop (April 22-24), Palaiseau, France***

12.4.2013 9:00 IPP Institutskolloquium

**Dr. Ralf Kleiber** (IPP Greifswald)  
***Gyrokinetic particle-in-cell simulations***  
[Slides](#)

10.4.2013 15:30 *Edge Physics Forum*

**Peter Manz**  
***Velocimetry aided cross-phase estimation of ELM precursors***  
[Slides](#)

10.4.2013 14:00 *Wall Forum*

**M. Rieth** (KIT)  
***High-alloyed steels - structure, phases, properties, and applications***  
[Slides](#)

8.4.2013 12:30 *Tokamakphysik Kaffeeseminar*

**Alexander Lessing**  
***Pattern formation and influence of spatial forcing in an electrocatalytic reaction***

2.4.2013 13:00 *ASDEX Upgrade Seminar*

**Andrei P. Lobanov** (Max-Planck-Institut für Radioastronomie, Bonn / Institut für Experimentalphysik der Universität Hamburg)  
***Is there cold dark matter in a TOKAMAK?***

22.3.2013 9:00 *IPP Institutskolloquium*

**Prof. Matthias Beller** (Leibniz-Institut für Katalyse e.V. an der Universität Rostock (LIKAT))  
***"Catalysis: Opportunities and Challenges for more Sustainable Energy Technologies"***  
[Slides](#)

20.3.2013 15:30 *Core Physics Forum*

**Dr. J. Hobirk**  
***"Improved H-mode with current overshoot"***  
[Slides](#)

20.3.2013 12:15 *ASDEX Upgrade Seminar*

**Dr. Naoto Tsujii** (IPP)  
***Full-wave Analysis of ICRF Heating on ASDEX Upgrade***

15.3.2013 9:00 *IPP Institutskolloquium*

**Dr. Hans Meister** (IPP Garching)

***Diagnostikentwicklung für ITER am IPP – Herausforderungen in vielerlei Hinsicht***

13.3.2013 15:30 *Edge Physics Forum*

**Travis K. Gray** (Oak Ridge National Laboratory)

***The effects of increasing Li deposition on the Power Exhaust Channel in NSTX***

[Slides](#)

12.3.2013 12:30 *Tokamakphysik Kaffeeseminar*

**Gabriella Pautasso**

***Hiro and Eddy (about the unresolved problem of determining EM forces during disruptions)***

11.3.2013 12:15 *ASDEX Upgrade Seminar*

**Saskia Mordijck** (College of William & Mary, Williamsburg, USA)

***Role of radial electrical field for ELM suppression and particle transport with resonant magnetic perturbations at DIII-D***

8.3.2013 9:00 *IPP Institutskolloquium*

**Prof. Alexander Piel** (Christian-Albrechts-Universität Kiel)

***Waves and flows in dusty plasmas***

[Slides](#)

6.3.2013 12:15 *ASDEX Upgrade Seminar*

**Oliver Schmitz** (Forschungszentrum Jülich GmbH)

***Three-dimensional edge transport and the impact on plasma surface interactions with resonant magnetic perturbation fields at Tokamaks***

6.3.2013 9:00 *IPP Institutskolloquium*

**Dr. Thomas Schwarz-Selinger** (IPP Garching)

***Laboratory scale PWI research relevant for ITER***

1.3.2013 9:00 *IPP Institutskolloquium*

**Prof. Axel Kleidon** (Max-Planck-Institute for Biogeochemistry)

***Solar, wind and waves: natural limits to renewable sources of energy within the Earth system***

[Slides](#)

27.2.2013 15:30 *Wall Forum*

**Volker Rohde** (IPP/E2M)

***Wall conditioning methods used at ASDEX Upgrade***

27.2.2013 13:00 *ASDEX Upgrade Seminar*

**Steve Lisgo** (ITER Organization)



## ***ITER Status***

27.2.2013 12:15 ASDEX Upgrade Seminar

**Piero Martin** (Consorzio RFX and University of Padova, Italy)

***q95<2 operation and sawtooth control via n=1 applied magnetic perturbation in tokamaks***

25.2.2013 12:15 ASDEX Upgrade Seminar

**Dave Pace** (GA)

***Energetic Ion Transport due to Alfvén Eigenmodes and Microturbulence***

22.2.2013 12:15 ASDEX Upgrade Seminar

**Clemente Angioni**

***Off-Diagonal Transport in Tokamak Plasmas***

22.2.2013 9:00 IPP Institutskolloquium

**Prof. Christian von Savigny** (EMAU Greifswald)

***Solar variability effects on the Earth's middle atmosphere***

[Slides](#)

20.2.2013 15:30 Wall Forum

**Gerd Meisl** (IPP/E2M)

***XPS-Analysis of Tungsten bombarded with N & D***

20.2.2013 12:15 ASDEX Upgrade Seminar

***DPG rehearsal***

19.2.2013 15:00 Wall Forum

**Wang Peng** (IPP/E2M)

***Influence of the film microstructure on the deuterium retention in magnetron sputtered tungsten films***

19.2.2013 12:15 ASDEX Upgrade Seminar

**Prof. Yuri V. Mitrishkin** (Institute of Control Sciences, Russian Academy of Sciences)

***PLASMA MAGNETIC AND KINETIC CONTROL SYSTEMS IN TOKAMAKS***

18.2.2013 12:15 ASDEX Upgrade Seminar

***DPG rehearsal***

15.2.2013 12:15 ASDEX Upgrade Seminar

***DPG rehearsal***

15.2.2013 9:00 *IPP Institutskolloquium*

**Prof. Peter Fierlinger** (TU München)

***Ultra-cold neutrons and the matter-antimatter asymmetry in the Universe***

[Slides](#)

12.2.2013 9:00 *IPP Institutskolloquium*

**Prof. Heinz Oberhummer** (TU Wien)

***Gedankenlesen durch Schneckenstreicheln - Was wir von Tieren über Physik lernen können***

8.2.2013 12:15 *ASDEX Upgrade Seminar*

**Eleonora Viezzer**

***High-accuracy measurements of the edge radial electric field at ASDEX Upgrade***

7.2.2013 15:45 *HEPP Seminar*

**Round Table**

4.2.2013 12:15 *ASDEX Upgrade Seminar*

**Stefan Kragh Nielsen**

***Anomalous scattering of ECRH power at TEXTOR in the presence of rotating islands***

1.2.2013 9:00 *IPP Institutskolloquium*

**Dr. Thomas Pütterich** (IPP Garching)

***Impurity Control in Tokamak Plasmas***

[Slides](#)

29.1.2013 12:30 *Tokamakphysik Kaffeeseminar*

**Gergely Papp** (Chalmers TH, Göteborg)

***Runaway electron transport due to resonant magnetic perturbations in ITER***

25.1.2013 9:00 *IPP Institutskolloquium*

**Prof. Michael McIntyre** (University Cambridge)

***Solar tachocline fluid dynamics: an interim assessment***

[Slides](#)

24.1.2013 15:45 *HEPP Seminar*

**B. Sieglin**

**M.Müller**

***Divertor Power Loads Comparison between ASDEX Upgrade and JET***

***Investigation of Anionic mass-selected Clusters by Laser Excitation and Photoelectron***

## **Spectroscopy**

24.1.2013 14:30 Wall Forum

**Stefan Kimmig** (IPP/E2M)

***Prospects of SiC reinforced copper for heat sink applications***

18.1.2013 9:00 IPP Institutskolloquium

**Dr. Pierluigi Bruzzone** (CRPP Lausanne)

***The challenges of fusion magnets, from ITER to DEMO***

[Slides](#)

16.1.2013 12:15 ASDEX Upgrade Seminar

**Egemen Kolemen and Robert Ellis** (PPPL)

***Neoclassical Tearing Mode Control System with Real-time Mirror Steering: Implementation and Results from DIII-D"***

15.1.2013 10:30 Oberflächen-Seminar MF

**Gerd Meisl** (IPP Garching)

***How to compare measured XPS intensities to TRIDYN depth profiles***

10.1.2013 15:45 HEPP Seminar

**I. Stepanov**

**D. Niemczyk**

***Improved Measurements of ICRF Antenna Coupling at ASDEX Upgrade and Comparison with the ICRF Coupling Code TOPICA***

***Investigation of Ion Kinetics Using LIF***

9.1.2013 15:30 Wall Forum

**Stefan Bielesch** (IPP/E2M)

***Experimental determination of the depth resolution of H and D depth profiles with the  $^3\text{He}$  and  $^{15}\text{N}$  nuclear reactions***

***(Summary of diploma thesis)***

19.12.2012 15:30 Wall Forum

**H. Maier, K. Schmid** (IPP/E2M)

***Repetition of talks given at the 20th European Fusion Physics Workshop Ericeira/Portugal: Tungsten High Heat Flux Armour: Technological and Physics Issues (Maier)***

***WallDYN: Coupling the surface evolution to the plasma (Schmid)***

18.12.2012 12:30 Tokamakphysik Kaffeeseminar

**Calin-Vlad Atanasiu**

***Electromagnetic model of plasma facing surface in ITER for disruption simulation***

17.12.2012 12:15 *Edge Physics Forum*

**Matthias Bernert**

***Recent Improvements of Bolometry at ASDEX Upgrade"***

[Slides](#)

14.12.2012 9:00 *IPP Institutskolloquium*

**Prof. Bjorn Stevens** (Max Planck Institut for Meteorology)

***Coupling Water to Circulations: Climate Science's Singular Challenge***

[Slides](#)

12.12.2012 15:45 *HEPP Seminar*

**B. Ruf**

**S. Gierke**

***Reconstruction of Neutral Beam Properties from Beamline Diagnostic***

***The Greifswald EBIT***

12.12.2012 14:30 *Edge Physics Forum*

**Eleonora Viezzer**

***Radial Electric Field Studies in the Plasma Edge of ASDEX Upgrade***

[Slides](#)

11.12.2012 15:30 *Wall Forum*

**Liang Gao** (IPP/E2M)

***Interaction of D plasma with N-implanted bulk tungsten***

7.12.2012 9:00 *IPP Institutskolloquium*

**Prof. A. Grunwald** (Institut für Technikfolgenabschätzung und Systemanalyse, KIT)

***Lasst uns die Erde kühlen! Climate Engineering - Verantwortung, Risiko, Technikfolgen***

[Slides](#)

5.12.2012 15:30 *Wall Forum*

**Zhongshi Yang** (IPP/E2M)

***3D Trajectories Construction of Controlled Tungsten Melting Droplet in ASDEX Upgrade***

30.11.2012 13:30 *ASDEX Upgrade Seminar*

**Jaydeep Belapure** (IPP)

***The compact hard X-ray diagnostics and measurements of non-thermal electrons***

[Slides](#)

30.11.2012 12:15 ASDEX Upgrade Seminar

**Hongjuan Sun**

***"Understanding the Dynamics of Cold Pulse Nonlocality Phenomena"***

[Slides](#)

30.11.2012 9:00 IPP Institutskolloquium

**Prof. K. Mainzer** (Lehrstuhl für Philosophie und Wissenschaftstheorie, TU München)

***Risiken und Chancen ökosozialer Systeme: Zur Nachhaltigkeit und Verantwortung in Natur, Technik, Wirtschaft und Gesellschaft***

29.11.2012 15:45 HEPP Seminar

**J. Brinkmann**

**J. Duras**

***Self-passivating tungsten alloys for use in future fusion devices***

***Particle In Cell simulations of ion thruster plumes***

23.11.2012 9:00 IPP Institutskolloquium

**Prof. P. Lemke** (Alfred-Wegener-Institut für Polar- und Meeresforschung)

***Climate Variability and Change – What is in Store for us?***

[Slides](#)

21.11.2012 14:00 W7X Codac

**Christine Hennig**

***JET HTTP BlackBox Protokoll***

20.11.2012 15:30 Wall Forum

**Elena Markina** (IPP/E2M)

***Ion driven deuterium permeation through pre-damaged tungsten***

20.11.2012 12:15 ASDEX Upgrade Seminar

**Oliver Ford and Robert Wolf**

***Imaging-MSE-System on ASDEX Upgrade***

[Slides](#)

19.11.2012 13:15 ASDEX Upgrade Seminar

**Ezekial Unterberg** (ORNL)

***Measurements of Edge and Internal Plasma Displacements Due to RMPs on DIII-D***

19.11.2012 12:30 ASDEX Upgrade Seminar

**Naoto Tsujii**

***Studies of ICRF Waves with Phase Contrast Imaging and Full-Wave Simulations***

16.11.2012 9:00 IPP Institutskolloquium

**Prof. Ronald Redmer** (Universität Rostock)

***Warm dense matter and the interior of giant planets***

[Slides](#)

15.11.2012 15:45 HEPP Seminar

**C. Wimmer**

**R. Wolf**

***Characteristics and Dynamics of the Extended Boundary Layer in RF-Driven Sources for Negative Hydrogen Ions***

***Setup and application of the ISOLTRAP multi-reflection time-of-flight mass analyzer***

7.11.2012 12:15 ASDEX Upgrade Seminar

**Sven Martinov** (IPP)

***AUGTV ein vereinheitlichtes tool zur Visualisierung und Analyse der an AUG anfallenden Videodaten***

6.11.2012 10:30 Oberflächen-Seminar MF

**Jens Brinkmann** (IPP Garching)

***Wasserstoff in Wolframlegierungen***

2.11.2012 9:00 IPP Institutskolloquium

**Dr. Olaf Grulke** (IPP Greifswald)

***Dynamics of Turbulent Structures in Edge Plasmas***

[Slides](#)

29.10.2012 12:30 ASDEX Upgrade Seminar

**C. Angioni** (IPP)

***Particle and Momentum Transport in Tokamak Plasmas, the complicated path towards the experimental validation of the theoretical predictions in fusion plasmas***

26.10.2012 9:00 IPP Institutskolloquium

**Prof. Dr.-Ing. habil. Jürgen Beyerer** (KIT, Lehrstuhl für Interaktive Echtzeitsysteme, Karlsruhe und Fraunhofer-Institut für Optronik, Systemtechnik und Bildauswertung IOSB)

***Fusion von Informationen aus heterogenen Quellen***

[Slides](#)

25.10.2012 15:30 ASDEX Upgrade Seminar

**R. McDermott** (IPP)

***Breaking the Wall to Control Fusion Power How tokamak research is paving the way for***

*successful fusion energy reactors*

24.10.2012 15:30 *Wall Forum*

**Takumi Chikada** (Institute of Engineering Innovation  
School of Engineering, The University of Tokyo)

**"Ceramic-metal multilayer coatings for tritium permeation barrier and corrosion protection in liquid lithium-lead blanket systems"**

24.10.2012 13:00 *IPP Informationsveranstaltung*

**Fa. Additive**

**Origin Wissenstransfer**

24.10.2012 12:15 *ASDEX Upgrade Seminar*  
(IPP)

**APS 2012 oral rehearsals**

24.10.2012 10:00 *ASDEX Upgrade Seminar*

**Barbara Momo** (Padua)

**Modelling of the Helical Core in RFX discharges**

24.10.2012 10:00 *IPP Informationsveranstaltung*

**Fa. Additive**

**Mathematica Wissenstransfer**

24.10.2012 9:00 *AUG Data Acquisition & Evaluation Seminar*

**M. Reich / W. Treutterer**

**Seminar on real-time standard diagnostics (part II)**

23.10.2012 12:15 *ASDEX Upgrade Seminar*

**Sebastian Bardin** (Uni Nancy)

**"Dust particles investigation using fast imaging camera in ASDEX Upgrade"**

[Slides](#)

23.10.2012 10:00 *ASDEX Upgrade Seminar*

(IPP)

**APS 2012 poster rehearsals**

22.10.2012 14:30 *AUG Data Acquisition & Evaluation Seminar*

**M Reich**

**Seminar on real-time standard diagnostics (part I)**

[Slides](#)

22.10.2012 12:30 ASDEX Upgrade Seminar

**Dr. G.D.Conway** (IPP)

**"Overview of recent progress in the experimental identification of the L-H trigger"**

19.10.2012 9:00 IPP Institutskolloquium

**Prof. Gottfried Mann** (Leibniz-Institut für Astrophysik Potsdam)

**Flares on the Sun**

[Slides](#)

18.10.2012 15:45 HEPP Seminar

**S. Fietz**

**A. von Stechow**

**Investigation of NTM Seeding**

**Microscopic Dynamics of Magnetic Reconnection**

18.10.2012 12:30 Tokamakphysik Kaffeeseминаr

**Patrick McCarthy**

**Snow flake equilibria for ASDEX Upgrade and DEMO**

17.10.2012 12:15 ASDEX Upgrade Seminar

**Dr. Avrilios Lazaros** (NATIONAL TECHNICAL UNIVERSITY OF ATHENS Association  
Euratom/Hellenic-Republic Athens, GREECE)

**Controlled Locking of the  $m/n=2/1$  TM, by the  $n=1$  RMP for CW-ECCD at the O-point**

15.10.2012 10:00 Tokamakphysik Kaffeeseминаr

**Martina Giraud**

**Effect of the electron emission on the properties of the electrostatic sheath**

12.10.2012 9:00 IPP Institutskolloquium

**Dr. Gerhard Lakits** (Siemens Austria)

**Resource Optimization and Scheduling of Generation in Electricity Energy Markets**

[Slides](#)

10.10.2012 15:30 Wall Forum

**Klaus Schmid** (IPP/E2M)

**"Comparing ITER wall material configurations using WalldYN/DIVIMP"**

4.10.2012 14:00 ASDEX Upgrade Seminar

(IPP)

**IAEA rehearsals (poster session)**

4.10.2012 10:00 ASDEX Upgrade Seminar



(IPP)

**IAEA rehearsals (oral session)**

2.10.2012 9:30 ASDEX Upgrade Seminar

(IPP)

**IAEA rehearsals (oral session)**

28.9.2012 14:00 ASDEX Upgrade Seminar

(IPP)

**IAEA rehearsals (poster session)**

27.9.2012 15:30 ASDEX Upgrade Seminar

**T. Puetterich (IPP)**

**'Tungsten Spectroscopy in Magnetic Confinement Fusion'**

26.9.2012 15:00 ASDEX Upgrade Seminar

**H. Zohm (IPP)**

**Assessment of DEMO Challenges in Technology and Physics**

26.9.2012 13:15 Wendelstein-Seminar

**Hans-Stephan Bosch (IPP)**

**Technical Challenges in the Construction of the Steady-State Stellarator Wendelstein 7-X**

24.9.2012 12:30 Core Physics Forum

**Marco Cavedon**

**NBI power loss mechanisms at ASDEX Upgrade under different plasma configurations**

[Slides](#)

24.9.2012 12:15 AUG Mittagsbesprechung

**Bernadett Gmeiner**

**Änderungen in der neuen Strahlenschutzverordnung**

[Slides](#)

20.9.2012 10:00 ASDEX Upgrade Seminar

(IPP)

**Rehearsals SOFT conference (poster session)**

19.9.2012 15:00 ASDEX Upgrade Seminar

(IPP)

**Rehearsal SOFT conference (Orals session)**

19.9.2012 12:15 ASDEX Upgrade Seminar

**Franz Braun** (IPP)

*A Radiating Stripline Antenna design for improved coupling in future Plasma experiments*

18.9.2012 15:00 ASDEX Upgrade Seminar

(IPP)

*Rehearsal SOFT conference (poster session)*

18.9.2012 12:30 Tokamakphysik Kaffeeseминаr

**Moritz Püschel** (Univ. of Wisconsin, Madison)

*The Non-Zonal ITG Transition: An Explanation for the High-Beta Runaway*

13.9.2012 12:30 Tokamakphysik Kaffeeseминаr

**Till Sehmer**

*Growth of axisymmetrical instabilities in ASDEX-Upgrade*

7.9.2012 9:00 IPP Institutskolloquium

**Prof. Sergei Dudarev** (UKAEA Culham)

*The physics and philosophy of models for fusion materials*

[Slides](#)

30.8.2012 13:00 ASDEX Upgrade Seminar

**Matthias Willensdorfer** (IPP)

*Pedestal profile development throughout the L-H transition*

24.8.2012 14:00 Core Physics Forum

**Dr. Emiliano Fable**

*"Dynamical coupling of equilibrium and transport in tokamak scenario modeling, with application to current ramps"*

24.8.2012 9:00 IPP Institutskolloquium

**Carlos Hidalgo** (CIEMAT)

*Multi-Scale Physics and Transport Mechanisms in fusion plasmas*

27.7.2012 9:00 IPP Institutskolloquium

**Dr. V. Shevchenko** (CCFE)

*2D+1F Microwave Imaging as an Edge Diagnostic in MAST*

26.7.2012 12:15 ASDEX Upgrade Seminar

**Pierre Tempel** ((Gewinner des Wettbewerbs 'Jugend forscht'))

*Gedankensteuerung von Computern - mit Demonstration*

25.7.2012 12:15 Edge Physics Forum

**Alex Chankin**

***L-H transition model of W.Fundamenski et al.: critical review, discussion on a possible (de)validation***

[Slides](#)

24.7.2012 10:30 *Oberflächen-Seminar MF*

**Vladimir Alimov** (Institute of Physical Chemistry, Russian Academy of Sciences, Moskau)

***First results for the sputtering of EUROFER with Deuterium***

23.7.2012 16:00 *Wall Forum*

**Matthias Reinelt** (IPP/E2M)

***Development and application of an integrated material migration model for fusion experiments: WALLDYN***

23.7.2012 12:30 *Core Physics Forum*

**Markus Weiland**

***"Simulation of Soft X-Ray diagnostics in the presence of plasma instabilities and poloidal radiation asymmetries"***

[Slides](#)

23.7.2012 10:00 *Tokamakphysik Kaffeeseminar*

**Dr. Natalia Tronko** (U Warwick)

***Generalized Energy Principle for Magneto-Rotational Instability System***

19.7.2012 15:00 *ASDEX Upgrade Seminar*

**Dr Longwen Yan** (Southwest Institute of Physics, China)

***Current Status of Fusion Researches at the Southwest Institute of Physics***

[Slides](#)

19.7.2012 12:30 *Tokamakphysik Kaffeeseminar*

**Michael Kraus**

***Variational Integrators in Plasma Physics -- Part 2: Application to Vlasov-Poisson and MHD***

17.7.2012 12:30 *Tokamakphysik Kaffeeseminar*

**Michael Kraus**

***Variational Integrators in Plasma Physics -- Part 1: Fundamental Theory and Basic Examples***

17.7.2012 10:30 *Oberflächen-Seminar MF*

**Yevhen Zayachuk** (SCK-CEN Mol, Belgien)

***Study of the plasma-induced sub-surface modification of tungsten and tungsten-tantalum alloys***

11.7.2012 15:30 *Wall Forum*

**Jens Brinkmann** (E2M/IPP)

*Neutron induced activation in first wall materials in future fusion devices*

[Slides](#)

6.7.2012 12:30 *Edge Physics Forum*

**Cassio H.S. Amador** (CBPF/USP Brazil)

*Signature of the shear layer transition in FMCW reflectometry signals from ASDEX Upgrade - a possible marker of the plasma separatrix*

[Slides](#)

29.6.2012 9:00 *IPP Institutskolloquium*

**Dr. Larry Baylor** (Oak Ridge National Laboratory)

*Pellet Fuelling Technology Developments and Physics Applications*

28.6.2012 15:45 *HEPP Seminar*

**A. Burckhart**

**J. Proll**

*Effect of experimental uncertainties on the calculation of peeling-ballooning stability boundaries  
Trapped-particle instabilities in quasi-isodynamic stellarators*

28.6.2012 15:00 *Wall Forum*

**Paul W. Humrickhouse** (Idaho National Laboratory)

*Dust and Fusion Research at Idaho National Laboratory*

28.6.2012 12:30 *Tokamakphysik Kaffeeseminar*

*EPS poster presentation*

27.6.2012 16:30 *ASDEX Upgrade Seminar*

**H.W. Mueller**

*SOL transport modifications by application of non-axisymmetric magnetic perturbations*

27.6.2012 10:00 *ASDEX Upgrade Seminar*

*Poster rehearsals EPS 2012*

26.6.2012 15:00 *ASDEX Upgrade Seminar*

*Poster rehearsal EPS 2012*

26.6.2012 14:00 *ASDEX Upgrade Seminar*

***Oral rehearsals EPS 2012***

25.6.2012 15:00 ASDEX Upgrade Seminar

***Oral rehearsals EPS 2012***

25.6.2012 12:30 ASDEX Upgrade Seminar

***Poster rehearsal EPS 2012***

22.6.2012 14:00 ASDEX Upgrade Seminar

***Poster rehearsal EPS 2012***

20.6.2012 12:15 ASDEX Upgrade Seminar

**Marco Sertoli** (IPP)

***Impurity transport in the presence of MHD activity***

19.6.2012 13:00 Wendelstein-Seminar

**Tom Wauters** (Laboratory for Plasma Physics - ERM/KMS)

***Ion Cyclotron Discharge Conditioning: Overview of recent result obtained on European Tokamaks***

19.6.2012 10:30 Oberflächen-Seminar MF

**Katharina Dobes** (TU Wien)

***Messung von Zerstäubungsausbeuten mit der Schwingquarz-Methode: Erosion von W und Be mit Stickstoff***

18.6.2012 15:00 ASDEX Upgrade Seminar

**Naoto Tsujii** (MIT-PSFC)

***Comparison of ICRF Full-Wave Simulation with Phase Contrast Imaging in Alcator C-Mod***

18.6.2012 11:00 Tokamakphysik Kaffeeseминаr

**David Zarzoso**

***Interaction between energetic particles and turbulence in full-f gyrokinetic simulations***

18.6.2012 10:00 Tokamakphysik Kaffeeseминаr

**Anna Tenerani**

***Whistler wave trapping and transport by slow magnetosonic solitons: theory and space observations***

18.6.2012 9:00 Tokamakphysik Kaffeeseминаr

**Laura DiLucchio**

***Dynamic stabilization of Rayleigh-Taylor instability in an ablation front***

15.6.2012 9:00 IPP Institutskolloquium

**Prof. Bernd Rech** (Institute Silicon Photovoltaics Helmholtz-Zentrum Berlin und Technische Universität Berlin )

***Solar energy conversion by photovoltaic devices: Status, challenges and perspectives***

14.6.2012 15:45 HEPP Seminar

**E. Markina**

**A. Schella**

***Simulation of neutron damages in tungsten for fusion applications***

***Experimental investigations on the dynamics of finite 3D Yukawa systems***

12.6.2012 10:30 Oberflächen-Seminar MF

**Armin Manhard** (IPP)

***Deuterium-Rückhaltung in plasmaexponiertem Wolfram: Einflüsse der Mikrostruktur***

11.6.2012 12:30 ASDEX Upgrade Seminar

**PREYNAS Melanie** (CEA)

***Experimental characterization and modeling of non-linear coupling of the LHCD power on Tore Supra***

8.6.2012 9:00 IPP Institutskolloquium

**Prof. C. Franck** (ETH Zürich)

***"Elektrische Energieübertragungsnetze der Zukunft: Anforderungen und Herausforderungen"***

31.5.2012 12:30 Tokamakphysik Kaffeeseminar

**Thibaut Vernay** (EPF Lausanne)

***Simulations of Electrostatic TEM Turbulence with the Global Gyrokinetic Code NEMORB***

30.5.2012 14:00 ASDEX Upgrade Seminar

**Sylvia Rathgeber** (IPP)

***Edge electron temperature profiles from ECE data***

30.5.2012 10:30 ASDEX Upgrade Seminar

**Sandor Zoletnik and Gergo Pokol**

***Beam emission spectroscopy: results on TEXTOR, MAST, JET, KSTAR and the fast branch of the ITER CXRS spectrometer on ASDEX Upgrade***

[Slides](#)

29.5.2012 14:00 ASDEX Upgrade Seminar

**Jurrian Boom**

***ECE-Imaging observations in various ELM regimes***

[Slides](#)

25.5.2012 13:30 Tokamakphysik Kaffeeseminar

**Mirjam Schneller**

*Fast particle transport due to Alfvénic modes*

24.5.2012 15:45 HEPP Seminar

**F. Sommer**

**A. Ebanazar John**

*H-Mode characterization for dominant ECRH and comparison to dominant NBI and ICRF heating*

*Clusters produced by Energetic Ion Bombardment on Solid surfaces*

23.5.2012 12:15 ASDEX Upgrade Seminar

**Markus Teschke**

*Inverter concept for AC operation of B-coils on ASDEX Upgrade*

22.5.2012 13:00 Wendelstein-Seminar

**Eve Stenson** (CalTech)

*Fields, forces, and flows: What laboratory experiments reveal about the dynamics of arched plasma structures.*

16.5.2012 15:30 Edge Physics Forum

**Pietro Vincenzi**

*Plasma Emissivity Profile Reconstruction by Forward Modelling of Diode Bolometer Signals (Master Thesis)*

16.5.2012 13:00 ASDEX Upgrade Seminar

**Alf Koehn** (Stuttgart University)

*Microwave heating of overdense plasma in the stellarator TJ-K*

14.5.2012 13:45 Wall Forum

**R. Neu, H.W. Müller, S. Potzel, T. Lunt** (PSI Rehearsals)

*Neu: Overview over plasma operation with full tungsten wall in ASDEX Upgrade*

*Müller: Modification of Scrape-off Layer Transport and Turbulence by Non-axisymmetric Magnetic Perturbations in ASDEX Upgrade*

*Potzel: Characterization of the Fluctuating Detachment State in ASDEX Upgrade*

*Lunt: EMC3-Eirene simulations of the tungsten injection experiments in Tore Supra*

14.5.2012 12:15 ASDEX Upgrade Seminar

**Jean-Marie Noterdaeme**

*The infrastructure, work and people of the ICRF Group*

11.5.2012 13:30 ASDEX Upgrade Seminar

(IPP-ITER-F4E)

**F4E-GRT50/task2 final meeting**

11.5.2012 13:00 ASDEX Upgrade Seminar

**PSI poster rehearsals**

10.5.2012 15:45 HEPP Seminar

**R. Piechoczek**

**K. Rackow**

**Retention of neutral and ionic D species in Be single- and polycrystals**

**Emitter erosion in fluorescent lamps**

10.5.2012 14:00 Wall Forum

**Th. Schwarz-Selinger, M. Balden** (PSI Rehearsals)

**Schwarz-Selinger: Hydrogen Isotope Exchange in Tungsten**

**M. Balden: Blistering and re-deposition on tungsten exposed to ASDEX Upgrade divertor plasma**

8.5.2012 12:15 ASDEX Upgrade Seminar

**D. Carralero** (CIEMAT)

**Experimental Studies on Edge Filament Properties**

[Slides](#)

7.5.2012 12:15 ASDEX Upgrade Seminar

**Ondrej Kudlacek**

**Investigation of Vertical Stability at COMPASS and AUG**

3.5.2012 15:45 HEPP Seminar

**S. Rathgeber**

**T. M. Bird**

**Estimation of the edge electron temperature profiles via forward modeling of the electron cyclotron radiation in AUG plasmas**

**Simulation of gyrokinetic turbulence in 3-D magnetic confinement configurations**

2.5.2012 15:30 Wall Forum

**Katrin Peeper** (Institut für Angewandte Physik und Messtechnik LRT2

Fakultät für Luft- und Raumfahrttechnik

Universität der Bundeswehr München)

**3D-Wasserstoffmikroskopie in Wolfram**

2.5.2012 15:00 ASDEX Upgrade Seminar

**Various** (IPP)



## ***EC17 conference Rehearsals***

2.5.2012 9:00 *Wendelstein-Seminar*

**Dr. Mitsuru Kikuchi** (Japan Atomic Energy Agency)

***Review of physics behind steady state tokamak research***

30.4.2012 12:30 *ASDEX Upgrade Seminar*

**Dr. M. Kikuchi** (Supreme Researcher, Fusion research and development directorate, Japan Atomic Energy Agency)

***Progress of physics understanding behind steady state tokamak research***

[\*Slides\*](#)

25.4.2012 15:00 *ASDEX Upgrade Seminar*

**P. Schneider** (IPP)

***Results of a multi-machine pedestal database***

25.4.2012 14:00 *ASDEX Upgrade Seminar*

**Yunfeng Liang** (Forschungszentrum Juelich)

***Calculation of magnetic perturbation field penetration***

25.4.2012 13:00 *Wendelstein-Seminar*

**Wolfgang Schneider, Burkhard Wiegel** (IPP)

***Neutron diagnostics at W7-X***

20.4.2012 9:00 *IPP Institutskolloquium*

**Dr. Alexander Schekochihin**

***Controlling transport in differentially rotating tokamak plasmas: subcritical turbulence and how to kill it.***

17.4.2012 12:15 *ASDEX Upgrade Seminar*

**Tilman Lunt**

***SOL geometry of magnetically perturbed equilibria***

12.4.2012 15:45 *HEPP Seminar*

**A. Limone**

**L. Lewerenz**

***Understanding and optimizing laboratory dynamo experiments***

***Gyrokinetic Simulations of Magnetic Reconnection in VINETA***

11.4.2012 15:30 *Wall Forum*

**Klaus Schmid** (IPP/E2M)

***"A diffusion/convection surface model for WallDYN"***

10.4.2012 10:30 *Oberflächen-Seminar MF*

**Martin Oberkofler** (IPP)

***Short report on the JET experiment Ex-1.1.9: First Nitrogen-Seeding Experiments with the ITER-like Wall***

5.4.2012 13:00 *Wendelstein-Seminar*

**Mélanie Preynas** (CEA Cadarache)

***Experimental characterization and modeling of the non-linear coupling of the LHCD wave on the tokamak Tore Supra***

3.4.2012 13:00 *Wendelstein-Seminar*

**Torsten Bräuer, Peter Drewelow** (IPP)

***Benefits of a photogrammetry based orientation for a divertor thermography at LHD***

27.3.2012 13:00 *Wendelstein-Seminar*

**Christian Perez von Thun** (IPP)

***Fast ion redistribution and losses due to fishbones on JET***

26.3.2012 12:30 *Tokamakphysik Kaffeeseminar*

**Xin Wang** (Zhejiang University, Hangzhou)

***Nonlinear studies of beta induced Alfvén eigenmode driven by energetic particles in fusion plasmas***

21.3.2012 15:30 *Wall Forum*

**Alexander Spitsyn** (Kurchatov Institute, Moscow)

***"Deuterium interaction with reduced activation ferritic- martensitic steel (RAFMS) RUSFER-EK-181"***

20.3.2012 13:00 *Wendelstein-Seminar*

**Michael Forster** (Heinrich-Heine-Universität Düsseldorf)

***Runaway Electron Probe Measurements at TEXTOR***

16.3.2012 12:15 *Core Physics Forum*

**A. Bock**

***Correlation analysis methods for real-time localisation of magnetic islands in fusion plasmas***

[Slides](#)

12.3.2012 12:30 *ASDEX Upgrade Seminar*

**Livia Casali** (Roma Tor Vergata University, Italy)

***Investigations of the effect of Ion Cyclotron Resonance Heating on Radiated Power in the ASDEX Upgrade Tokamak***

[Slides](#)

9.3.2012 10:00 ASDEX Upgrade Seminar

**DPG rehearsals**

*"Gyrokinetic simulations of magnetic reconnection", D. Told (oral 15')*

*"Wolfram-Spektroskopie an Fusionsplasmen - Wertvolle Information aus komplexen Spektren", T. Puetterich (invited 30')*

*"3D gyrofluid simulations of explosive collisionless reconnection", A. Biancalani (oral 15')*

9.3.2012 9:00 IPP Institutskolloquium

**Prof. R. Moessner** (Max-Planck Institut komplexer Systeme (MPI-PKS Dresden) )

*A cold magnetic Coulomb liquid: magnetic monopoles in spin ice*

8.3.2012 14:00 ASDEX Upgrade Seminar

**DPG rehearsals**

*"H-mode edge current density profiles and scaling", M Dunne (oral 15')*

*"Numerical Studies regarding the new divertor design DivIII in ASDEX Upgrade", F. Reimold (oral 15')*

*"Kontrolle von Edge Localised Modes - eine Herausforderung für ITER und den Fusionsreaktor", W. Suttrop (invited 30')*

8.3.2012 10:00 ASDEX Upgrade Seminar

**DPG rehearsals**

*"Formation of ammonia during nitrogen seeded discharges at ASDEX Upgrade", D. Neuwirth (poster presented by Volker Rhode?)*

*"Erweiterung des Anwendungsgebiets der Elektronzyklotronheizung an ASDEX Upgrade", H. Höhnle (poster presented by Jörg Stober)*

7.3.2012 14:00 AUG Data Acquisition & Evaluation Seminar

**Michael Kraus**

*Introduction to Python*

[Slides \(Introduction to Python Part 3 07 03 12.mp4\)](#)

[Slides \(Introduction to Python Part 3 07 03 12.mpg\)](#)

[Slides \(python3.pdf\)](#)

6.3.2012 10:30 Oberflächen-Seminar MF

**Marcin Wachowski** (WUT)

*"Defusion bonding" (phD work); "Microscopy on Arcs" (topic of visit)*

2.3.2012 9:00 IPP Institutskolloquium

**Dr. Christoph Biedermann** (IPP Greifswald)

*EBIT a versatile tool to investigate highly charged ions*

29.2.2012 14:00 AUG Data Acquisition & Evaluation Seminar

**Michael Kraus**

***Introduction to Python, Part II***

[Slides \(python2.pdf\)](#)

[Slides \(Introduction to Python Part 2 29 02 12.mpg\)](#)

[Slides \(Introduction to Python Part 2 29 02 12.mp4\)](#)

29.2.2012 14:00 W7X Codac

**Jon Krom**

***TEC WebUmbrella***

28.2.2012 13:00 Wendelstein-Seminar

**Eric C. Alderson** (University Wisconsin-Madison)

***Negative Ion and Related Studies in Inertial Electrostatic Confinement Devices***

28.2.2012 10:30 Oberflächen-Seminar MF

**Matthias Reinelt** (IPP)

***Characteristics of material re-distribution by different background plasmas***

27.2.2012 14:00 AUG Data Acquisition & Evaluation Seminar

**Michael Kraus**

***Introduction to Python, part I***

[Slides \(Introduction to Python Part 1 27 02 12.mpg\)](#)

[Slides \(python1.pdf\)](#)

[Slides \(Introduction to Python Part 1 27 02 12.mp4\)](#)

24.2.2012 9:00 IPP Institutskolloquium

**T. Eich** (IPP Garching)

***ELM and inter-ELM divertor power loadings in ASDEX Upgrade, JET and ITER***

[Slides](#)

23.2.2012 13:00 Wendelstein-Seminar

**Sergey Bozhnikov** (IPP)

***Service oriented approach for field line tracing at W7-X***

22.2.2012 14:00 W7X Codac

**Dr. Georg Kühner** (IPP)

***CoDaC Gesamtarchitektur***

21.2.2012 9:00 IPP Institutskolloquium

**Prof. Dr. F. R. Kreissl** (Technische Universität München)

***Alchemie - von der Antike bis ins Königreich Bayern***

17.2.2012 9:00 IPP Institutskolloquium

**Dr. Roman Hatzky** (IPP Garching)

***The numerics behind global electromagnetic gyrokinetic particle-in-cell simulation for tokamaks and stellarators***

[Slides](#)

15.2.2012 12:15 Core Physics Forum

**Dr. Erika Strumberger**

***The VMEC equilibrium solver: principle and applications***

[Slides](#)

14.2.2012 12:30 Tokamakphysik Kaffeeseminar

**Allen Caldwell und Alexander Pukhov**

***Proton-driven plasma wakefield acceleration***

10.2.2012 9:00 IPP Institutskolloquium

**Dr. Marcin W. Jakubowski**

***3D effects at the fusion plasma boundary***

8.2.2012 9:00 ASDEX Upgrade Seminar

**A. Herrmann, H. Greuner, N. Jaksic, A. Scarabosio**

***A solid tungsten divertor for ASDEX Upgrade***

3.2.2012 11:00 Wall Forum

**Timm Weitkamp** (Synchrotron Soleil & ESRF Grenoble)

***Synchrotron X-ray microtomography:***

***A 3D materials characterization tool***

3.2.2012 9:00 IPP Institutskolloquium

**Prof. J. Barber** (Imperial college London)

***From Natural to Artificial Photosynthesis for Solar Fuel Production***

[Slides](#)

1.2.2012 15:30 Edge Physics Forum

**Gerd Meisl**

***Investigating the Nitrogen Migration in Tokamaks with Tungsten PFMCs***

31.1.2012 10:30 Oberflächen-Seminar MF

**Klaus Schmid** (IPP (E2M))

***Numerical Solution of Diffusion Trapping Equations***

30.1.2012 12:15 ASDEX Upgrade Seminar

**Dr Garrard Conway** (IPP)

***CVIEW 4 - Demonstration of new features & operation***

27.1.2012 12:15 ASDEX Upgrade Seminar

**E. Fable** (IPP)

***ASTRA 7: a state-of-the-art IPP transport code***

[Slides](#)

27.1.2012 9:00 IPP Institutskolloquium

**Dr. Bruno Leibundgut** (Director of Science, ESO)

***Das beschleunigte Universum - Notizen zum Nobelpreis 2011***

[Slides](#)

26.1.2012 10:00 Vortrag

**Chairman: Andreas Dinklage** (IPP)

***Joint TUE, FZJ and Wendelstein 7-X Seminar***

25.1.2012 15:30 Wall Forum

**Armin Manhard** (IPP/E2M)

***Deuterium Inventory in Plasma-Exposed W:***

***A microstructural Survey***

24.1.2012 13:00 Wendelstein-Seminar

**Thomas Sunn Pedersen** (IPP)

***Non-neutral, partially neutralized, and quasineutral plasma in CNT***

24.1.2012 10:30 Oberflächen-Seminar MF

**Stefan Kimmig** (IPP)

***CuMMC mit Sigma-Fasern - Einfluss von Wärmebehandlung auf Wärmeleitfähigkeit und Festigkeit***

18.1.2012 11:00 Wendelstein-Seminar

**Heinrich Laqua** (IPP)

***RF heating experiments at WEGA stellarator.***

18.1.2012 10:00 Wendelstein-Seminar

**Robert Wolf** (IPP)

***Steady state operation of Wendelstein 7-X***

17.1.2012 11:00 Wendelstein-Seminar

**Joachim Geiger**

***Theoretical modeling in preparation for Wendelstein 7-X operation***

17.1.2012 10:00 *Wendelstein-Seminar*

**Michael Drevlak** (IPP)

***Fast Particle Physics in W7-X***

13.1.2012 12:15 *ASDEX Upgrade Seminar*

**Kinga Gal**

***Using pellet modelling tools to simulate MGI experiments***

[Slides](#)

12.1.2012 12:30 *Wall Forum*

**Armin Manhard** (IPP/E2M)

***Investigation of defects induced by deuterium plasma exposure of tungsten***

11.1.2012 15:30 *Wall Forum*

**Volker Rohde** (IPP/E2M)

***Dust investigations at IPP: Statistic relevant dust collection in AUG and LHD , F4E dust monitor and fast camera evaluation***

10.1.2012 13:00 *Wall Forum*

**Johann Riesch** (IPP, E2M)

***Tungsten-Fibre Reinforced Tungsten Composites***

***A novel concept for improving the toughness of tungsten***

15.12.2011 15:30 *HEPP Seminar*

**Halethimmamahally Thejaswini**

**Matthias Bernert**

***Comparitive plasma chemical reaction studies of C<sub>2</sub>H<sub>m</sub>/AR and C<sub>2</sub>H<sub>m</sub>/N<sub>2</sub> (where, m=2,4,6) gas mixtures in an atmospheric pressure Dielectric Barrier Discharge***

***Observations of the H-mode density limit at ASDEX Upgrade***

15.12.2011 12:30 *Tokamakphysik Kaffeeseminar*

**Antti Snicker** (U Helsinki)

***Neoclassical Tearing modes and Alfvén Eigenmodes for realistic orbit-following implementations***

15.12.2011 12:15 *ASDEX Upgrade Seminar*

**D.Neuwirth** (IPP)

***Formation of ammonia during nitrogen seeded discharges at the Tokamak ASDEX Upgrade***

[Slides](#)

9.12.2011 13:00 ASDEX Upgrade Seminar

**Dr. Keishi Sakamoto** (JAEA)

***Development of high power gyrotron and EC technologies in JAEA***

8.12.2011 10:00 Wendelstein-Seminar

**Oliver Schmitz** (Forschungszentrum Jülich (IEK-4))

***Three-dimensional magnetic perturbation fields in tokamaks: plasma edge transport and plasma surface interaction***

7.12.2011 12:15 ASDEX Upgrade Seminar

**Gregor Birkenmeier** (IPF Stuttgart)

***3D-Structure and Dynamics of Drift-Wave Turbulence in Stellarator Geometry***  
[Slides](#)

5.12.2011 14:30 Wendelstein-Seminar

**Maurizio Gasparotto** (IPP)

***Status of the EU contribution to the ITER project***

2.12.2011 13:15 ASDEX Upgrade Seminar

**T. Eich (remote from JET)** (IPP)

***Impact of internal fields or edge instabilities on the SOL and divertor plasma structure in tokamaks***

2.12.2011 12:15 ASDEX Upgrade Seminar

**F. Felici** (CRPP)

***Real-time MHD control, plasma profile simulation and actuator trajectory optimization on TCV***

1.12.2011 12:15 ASDEX Upgrade Seminar

**G. Pautasso** (IPP)

***Disruption prediction (20+5 minutes)***

1.12.2011 10:00 ASDEX Upgrade Seminar

**F. Meo** (RISO)

***Latest developments of the fast ion CTS on ASDEX Upgrade and future plans***

30.11.2011 15:00 ASDEX Upgrade Seminar

**V. Igochine** (IPP)

***Magnetic reconnection***

30.11.2011 13:15 ASDEX Upgrade Seminar

**Robert Hager** (IPP)

***Radial propagation of geodesic acoustic modes --- Analysis of magnetic geometry, nonlinear and***



*non-Boussinesq properties of oscillating flows*

28.11.2011 12:15 ASDEX Upgrade Seminar

**J.E. Boom** (IPP)

*ECE-Imaging observations in different ELM regimes*

[Slides](#)

24.11.2011 12:15 Core Physics Forum

**Diarmuid Curran**

*Low-frequency Alfvén eigenmodes: Background theory and comparison of numerical simulations with experimental observations at ASDEX Upgrade*

[Slides](#)

23.11.2011 12:15 ASDEX Upgrade Seminar

**R. Wenninger** (IPP)

*"Solitary magnetic perturbations at the ELM onset"*

[Slides](#)

22.11.2011 13:15 ASDEX Upgrade Seminar

**Stefan H. Mueller** (USCD (Guest scientist at IPP))

*Ideas for upgrading the X-point probe head and shaft*

22.11.2011 13:00 Wendelstein-Seminar

**Marcin Jakubowski** (IPP)

*Results of RMP experiments on LHD*

18.11.2011 12:15 ASDEX Upgrade Seminar

**T. Puetterich** (IPP)

*ELM mitigation using the recently installed active in-vessel coils at ASDEX Upgrade*

16.11.2011 12:15 ASDEX Upgrade Seminar

**A. Weller** (IPP)

*Divertor D<sub>α</sub>-Light Profiles in AUG*

*- First Results of New Strike Point Observation Diagnostics*

[Slides](#)

15.11.2011 10:30 Wall Forum

**Ivan Bizyukov** (Karazin Kharkiv National University)

*Anomalously high erosion of tungsten under high-fluence and high-flux H<sup>+</sup> ion beam exposure*

9.11.2011 15:30 *Wall Forum*

**Takumi Chikada** (University of Tokio)

***Fabrication and deuterium permeation properties of erbia-metal multilayer coatings***

4.11.2011 12:15 *ASDEX Upgrade Seminar*

**T. Eich** (IPP)

***Inter-ELM SOL power fall-off length for ASDEX Upgrade, JET and ITER***

3.11.2011 15:00 *Tokamakphysik Kaffeeseminar*

**Andres de Bustos Molina** (CIEMAT)

***Kinetic Simulations of Ion Transport in Fusion Devices***

3.11.2011 12:15 *ASDEX Upgrade Seminar*

**A. Boozer** (Columbia University)

***Theory of Tokamak Disruptions***

[Slides](#)

2.11.2011 11:00 *Wall Forum*

**Liang Gao** (IPP/E2M)

***Ion density diagnosis in streamer discharge and atmospheric-plasma-spraying W coating***

28.10.2011 9:00 *IPP Institutskolloquium*

**Dr. Olaf Grulke** (Max-Planck-Institut für Plasmaphysik, Teilinstitut Greifswald)

***Dynamics of Turbulent Structures in Tokamak SOL and Laboratory Experiment***

24.10.2011 12:15 *ASDEX Upgrade Seminar*

**G. Tardini** (IPP)

***First neutron spectrometry measurements in the ASDEX Upgrade tokamak***

[Slides](#)

20.10.2011 10:00 *ASDEX Upgrade Seminar*

**Roland Preuss**

***Real-time Grad-Shafranov solver***

[Slides](#)

19.10.2011 12:15 *ASDEX Upgrade Seminar*

**Dr. Luis Fernández Menchero** (ADAS-EU, Departement of Physics, University of Strathclyde)

***The ADAS-EU project. State of the art of atomic data for plasma physics.***

[Slides](#)

17.10.2011 12:30 Tokamakphysik Kaffeeseминаr

**Alexander Kubelsky**

***Gluons and the spin of the proton***

12.10.2011 12:30 Tokamakphysik Kaffeeseминаr

**Ralf Schneider** (U Greifswald)

***Fusion plasma edge modeling: a toolbox for 'real life' applications***

11.10.2011 10:30 Oberflächen-Seminar MF

**Martin Oberkofler** (IPP)

***Mechanisms of hydrogen retention in metallic beryllium and beryllium oxide and Properties of ion-induced beryllium nitride***

7.10.2011 9:00 IPP Institutskolloquium

**Dr. Carlos Alejaldre** (ITER Deputy Director-General)

***Safety Characteristics of ITER First Fusion Machine Undergoing Full Nuclear License***

5.10.2011 15:30 Wall Forum

**Corneliu Porosnicu** (NATIONAL INSTITUTE FOR LASER, PLASMA AND RADIATION PHYSICS, Bucharest)

***Deuterium Retention and Release Studies on Be-C-W Composite Layers Obtained by Thermionic Vacuum Arc (T.V.A.) Method***

5.10.2011 12:15 Vortrag

***Rehearsals for H-mode workshop***

5.10.2011 12:15 ASDEX Upgrade Seminar

***H-mode workshop poster rehearsal***

30.9.2011 12:15 Vortrag

**D. Wagner**

***Operation of the Multi-Frequency ECRH System at ASDEX Upgrade, afterwards: Posters for H-mode workshop***

28.9.2011 14:00 W7X Codac

**Michael Grahl**

***SOA (Service-orientierte Architektur) Einführung***

28.9.2011 12:30 Tokamakphysik Kaffeeseминаr

**Clemente Angioni**

***Role of and evidence for non-diffusive particle and toroidal momentum transport, and role of fuelling: Experiments, theory and modelling (invited talk at the H-mode Workshop)***

26.9.2011 12:15 Core Physics Forum

**Alexander Mlynek**

**Status and Possible Upgrade of the ASDEX Upgrade CO2 Interferometer**

[Slides](#)

22.9.2011 15:00 Tokamakphysik Kaffeeseminar

**Rehearsal talks for EFTC**

**Omar Maj: Recent issues in the propagation and absorption of high-frequency wave beams in magnetized plasma**

**Mattia Siccino: Gyrokinetic simulation of magnetic islands in tokamaks**

21.9.2011 12:15 ASDEX Upgrade Seminar

**Edward Daly (ITER)**

**The ITER in-vessel coils**

20.9.2011 12:15 Tokamakphysik Kaffeeseminar

**Rehearsal talks for EFTC**

**A. Biancalani: Nonlinear acceleration in gyrofluid collisionless reconnection**

**13:00: Roman Hatzky: The numerics behind electromagnetic gyrokinetic particle-in-cell simulation --- the cancellation problem resolved**

19.9.2011 12:15 ASDEX Upgrade Seminar

**Martin Kocan (IPP)**

**Ion temperature of ELM and turbulence filaments in the ASDEX Upgrade scrape-off layer**

13.9.2011 10:30 Oberflächen-Seminar MF

**Stephanie Rädels (HZB-BESSY II)**

**Tiefenaufgelöste XPS-Analyse am ternären Schichtsystem C-W-Be**

2.9.2011 12:30 Tokamakphysik Kaffeeseminar

**Philipp Lauber**

**NBI-driven Alfvénic modes at ASDEX Upgrade**

24.8.2011 14:00 W7X Codac

**Georg Kühner**

**Systemunabhängiges Datenbankinterface (Wdh.)**

17.8.2011 14:00 W7X Codac

**Georg Kühner**

**Software Architekturdokumentation mit UML**

3.8.2011 15:30 Edge Physics Forum

**Roman Zagorski** (EFDA Garching)

***Integrated Modelling of ASDEX Upgrade Nitrogen seeded discharges***

29.7.2011 9:00 Tokamakphysik Kaffeeseминаr

**Christian Veth**

***Gyrokinetic modelling of impurity transport with the inclusion of centrifugal effects, and application to observations at JET and DIII-D***

28.7.2011 15:00 Wall Forum

**Dominik Ehberger** (IPP-Bachelor)

***Emissivity dependent heating characteristics of tungsten in a vacuum furnace***

28.7.2011 12:30 Tokamakphysik Kaffeeseминаr

**Omar Maj** (IPP)

***Numerical divergence of vector fields on unstructured grids for Monte Carlo modeling of ion-cyclotron quasi-linear diffusion***

28.7.2011 12:15 ASDEX Upgrade Seminar

**S.H. Mueller** (University of California (now guest scientist at IPP))

***Measurements of the Turbulent Reynolds Stress in DIII-D ELM-free H-mode Plasmas and its Role for Intrinsic Rotation Generation***

[Slides](#)

26.7.2011 12:30 Tokamakphysik Kaffeeseминаr

**H. Timko, M. Oberparleitner, G. Meisl**

***H. Timko: Modelling vacuum arcs, (ca. 13:15) M. Oberparleitner: Numerical Calculation of Neoclassical Transport fluxes, (ca. 14:00) G. Meisl: Study of Kinetic Phenomena in Homogeneous plasmas using the new Fokker-Planck code KIPP***

26.7.2011 10:30 Wall Forum

**Dr. J. Roth** (IPP)

***Reisebericht San Diego und Albuquerque***

25.7.2011 14:30 Core Physics Forum

**Robert Bohle**

***Development of a virtual soft x-ray diagnostics and its application to ideal kink instabilities***

[Slides](#)

25.7.2011 12:15 AUG Mittagsbesprechung

**Albrecht Herrmann**

***Planung fuer die kommende AUG Umbauperiode***

25.7.2011 10:00 *Wall Forum*

**Vanessa Rieger** (IPP Bachelor)

***Deuteriumrückhalt in W+Ta Legierungen***

25.7.2011 9:00 *Tokamakphysik Kaffeeseminar*

**S. Gallian**

***Kinetic and Full Wave Plasma Simulations***

20.7.2011 14:30 *Edge Physics Forum*

**P.Lang, I.Vinyar, B.Ploeckl**

***Pellet Strategy Discussion***

20.7.2011 10:00 *ASDEX Upgrade Seminar*

**M. Stejner** (Association EURATOM- Risø DTU, DK-4000 Roskilde Denmark)

***Localized plasma composition measurements by collective Thomson scattering***

18.7.2011 10:00 *Vortrag*

**A. Kallenbach**

***ASDEX Upgrade Programmbesprechung***

13.7.2011 15:30 *Wall Forum*

**Rosmarie Hengstler-Eger** (TU München/FRM-2)

***Heavy ion irradiation for LWR neutron damage simulation in Zr-based alloys***

13.7.2011 12:15 *ASDEX Upgrade Seminar*

**Stefano Concezzi, Director Big Physics, National Instruments**

**Stefan Henke, District Sales Manager, National Instruments** (National Instruments)

***National Instruments efforts toward off-the-shelf DAQ and control systems for ITER***

[Slides](#)

12.7.2011 10:30 *Bereichsseminar Materialforschung*

**Tarini Prasad Mishra** (Max-Planck-Institut für Plasmaphysik)

***Si-free self-passivating tungsten alloys***

8.7.2011 10:30 *Wall Forum*

**Patrick Reichart** (Universität der Bundeswehr München)

***Wasserstoffmikroskopie an Wolframfolien***

8.7.2011 9:00 *IPP Institutskolloquium*

**Dr. Werner Zittel** (Ludwig Bölkow Systemtechnik)

***Das Maximum der weltweiten Ölförderung und seine Implikationen auf die künftige***

***Energieversorgung***

[Slides](#)

6.7.2011 14:00 ASDEX Upgrade Seminar

**Ing. Käsemann, Ing. Goldstein und Ing. Sigalov (IPP)**

**Die Generator EZ4 Bremsanlage**

[Slides](#)

4.7.2011 12:30 ASDEX Upgrade Seminar

**T.Eich (IPP)**

**Inter-ELM power decay length for JET and ASDEX Upgrade: measurement and comparison with heuristic drift-based model**

1.7.2011 10:30 ITED-Seminar

**Dr. Matthias Kronberger (CERN, Geneva Hadron Sources & Linacs )**

**Entwicklung einer Wasserstoffquelle negativer Ionen für den CERN Superconducting Proton Linac**

29.6.2011 15:30 Wall Forum

**Armin Manhard (IPP, E2M)**

**Transmission Electron Microscopy investigations of tungsten interaction with deuterium**

29.6.2011 14:00 W7X Codac

**Georg Kühner**

**Systemunabhängiges Datenbankinterface**

22.6.2011 16:30 Vortrag

**EPS Rehearsals - poster session**

22.6.2011 12:15 Vortrag

**EPS Rehearsals - Orals**

22.6.2011 10:30 Vortrag

**EPS Rehearsals - poster session**

21.6.2011 12:30 Tokamakphysik Kaffeeseminar

**Alberto Bottino, Alessandro Biancalani, Christian Konz**

**EPS rehearsals**

21.6.2011 10:00 Vortrag

**EPS Rehearsals**

20.6.2011 16:15 *Vortrag*  
**EPS Rehearsals - poster session**

20.6.2011 15:30 *Vortrag*  
**EPS Rehearsals - poster session**

20.6.2011 12:15 *Vortrag*  
**EPS Rehearsals - Orals**

17.6.2011 13:30 *Vortrag*  
**EPS Rehearsals - poster session**

17.6.2011 12:15 *AUG Mittagsbesprechung*  
**A. Kallenbach**  
*ASDEX Upgrade results and future plans*

17.6.2011 10:30 *Vortrag*  
**EPS Rehearsals - poster session**

15.6.2011 14:00 *ASDEX Upgrade Seminar*  
**V. Bobkov and J.-M. Noterdaeme (IPP)**  
*Analysis of the broad limiter antenna, and proposal for new optimized ICRF antennas in AUG*

14.6.2011 13:00 *Wendelstein-Seminar*  
**Glen Wurden** (Los Alamos National Laboratory, PO Box 1663, Los Alamos, New Mexico, 87545 USA )  
*The Real Mission of ITER*

8.6.2011 12:15 *ASDEX Upgrade Seminar*  
(IPP)  
**1) Physics of Resistive Wall Mode (V. Igoshin, 30 min)**  
**2) Control of Neoclassical Tearing Modes (NTMs) (M. Marachek, 30min)**

7.6.2011 13:00 *Wendelstein-Seminar*  
**Jörg Pfannmöller (IPP)**  
*Whistler wave Propagation in Inhomogeneous Plasmas*



6.6.2011 12:30 AUG Mittagsbesprechung

**V. Rohde**

***Diversion of the AUG main chamber gas valves***

31.5.2011 13:00 Wendelstein-Seminar

**Glen Wurden** (Los Alamos National Laboratory, PO Box 1663, Los Alamos, New Mexico, 87545 USA )

***Initial Magnetized Target Fusion Experiments in FRCHX***

30.5.2011 15:00 Tokamakphysik Kaffeeseminar

**Diego de Lazzari** (FOM Institute for Plasma Physics)

***Stabilization of magnetic islands in tokamaks by localized heating and current drive***

30.5.2011 12:30 ASDEX Upgrade Seminar

**E. Fable** (IPP)

***Phenomenology and preliminary modelling of plasma kinetic profiles behaviour during ASDEX Upgrade current ramp-up scenarios with or without auxiliary ECRF heating***

27.5.2011 12:15 ASDEX Upgrade Seminar

**Robert Wolf** (IPP-Greifswald)

***Prospects of coherence imaging spectroscopy for measuring current profile densities on ASDEX Upgrade***

27.5.2011 10:30 Tokamakphysik Kaffeeseminar

**Andreas Stegmeir** (IPP)

***Diagnostics of Fusion Plasmas with the Beam Tracing Method***

27.5.2011 9:00 IPP Institutskolloquium

**Dr. Antoine Pochelon** (Ecole Polytechnique Fédérale de Lausanne (EPFL), Centre de Recherches en Physique des Plasmas, Association Euratom-Confédération Suisse, CH-1015 Lausanne, Switzerland)

***Turbulence and transport reduction with innovative plasma shapes in TCV – correlation ECE measurements and gyrokinetic simulations***

25.5.2011 9:00 Edge Physics Forum

***Miniworkshop on Plasma Edge Dynamics and Transport***

[Slides \(Agenda.pdf\)](#)

[Slides \(Wolfrum:Pedestal\\_dynamics.pdf\)](#)

[Slides \(Ryter:L-H-Transition.pdf\)](#)

[Slides \(Conway:Flow-turbulence\\_interaction.pdf\)](#)

[Slides \(Scott:Edge turbulence and the L-H transition.ps\)](#)

[Slides \(Angioni:Footprints of ITG, TEM and ETG turbulence.ppt\)](#)

[Slides \(Dux:Impurity\\_transport.ppt\)](#)

[Slides \(Puetterich:Plasma flows.pdf\)](#)

23.5.2011 12:25 AUG Mittagsbesprechung

**Karl Behler**

**Zusammenfassung der 1.Sitzung des AUG-DV Benutzerausschusses**

20.5.2011 12:30 Tokamakphysik Kaffeeseминаr

**Tim Stoltzfus-Dueck** (IPP)

**Transport-driven toroidal rotation in the tokamak edge**

20.5.2011 9:00 IPP Institutskolloquium

**Dr. Nikolai Marushchenko** (Max-Planck-Institut für Plasmaphysik Teilinstitut Greifswald)

**Numerical Simulation of ECRH and ECCD**

18.5.2011 12:30 Tokamakphysik Kaffeeseминаr

**Harold Weitzner** (NYU)

**Transport in a Low Shear Stellarator, with added effects of surface destroying magnetic fields**

17.5.2011 12:30 Tokamakphysik Kaffeeseминаr

**Thibaut Vernay** (EPF Lausanne)

**Ion-Ion collisions in the global gyrokinetic code NEMORB: some effects on electrostatic ITG turbulence**

11.5.2011 15:30 Core Physics Forum

**Moritz Schneider**

**Regularisierung der Bolometer-Tomografie an ASDEX Upgrade mittels optimierter a priori Information**

[Slides](#)

6.5.2011 9:00 IPP Institutskolloquium

**Prof. M. Greiner** (Aarhus School of Engineering)

**A 100% renewable power system in Europe.**

[Slides](#)

5.5.2011 14:00 Wall Forum

**Rehearsals** (13th International Workshop on Plasma-Facing Materials and Components for Fusion Applications / 1st International Conference on Fusion Energy Materials Science)

**(estimated starting times) 14:00 Schmid Klaus Predicting time evolution of hydrogen co-**

**deposition in ITER based on self consistent global impurity transport modelling 14:40 Schwarz-**

**Selinger Thomas Deuterium Retention in and Release from Beryllium Resulting from High Flux**

**Plasma Exposure 15:20 You Jeong-Ha Tungsten Wire-Reinforced Tungsten Matrix Composites:**

***Proof of Principle 16:00 Krieger Karl Transport and screening of ejected tungsten in controlled melt experiments at ASDEX Upgrade***

5.5.2011 11:00 *Bereichsseminar Materialforschung*

**Dr. Matthias Schreck** (Leitung AG Diamant, Experimentalphysik IV, Universität Augsburg)

***Wafer-size single crystal metal layers on silicon: versatile substrates for diamond, graphene and various other functional materials***

4.5.2011 15:30 *Edge Physics Forum*

**Benchmark and validation of non-linear EIRENE Monte Carlo neutral transport solver**  
***Marek Simon***

4.5.2011 12:15 *ASDEX Upgrade Seminar*

**Posters Rehearsal PFMC 2011**

***"Deuterium retention in bulk tungsten exposed to the outer divertor plasma of ASDEX Upgrade"***  
***by Kazuyoshi Sugiyama***

***'A solid tungsten divertor for ASDEX Upgrade' by Albrecht Herrmann***

***"EROSION AND RE-DEPOSITION OF W AND Ni IN THE DIVERTOR AND MIDPLANE REGIONS OF ASDEX UPGRADE"*** ***by local co-author***

3.5.2011 13:00 *Wendelstein-Seminar*

**Oleksandr Marchuk** (FZ Jülich (IEK-4))

***Non-statistical simulations for beam spectroscopy diagnostics in fusion plasmas***

27.4.2011 12:15 *ASDEX Upgrade Seminar*

(IPP)

***Rehearsals for IRW10***

21.4.2011 11:00 *Bereichsseminar Materialforschung*

**Klaus Schmid** (IPP)

***Predicting time evolution of hydrogen co-deposition in ITER based on self consistent global impurity transport modeling (Rehearsal of PFMC Presentation)***

15.4.2011 9:00 *IPP Institutskolloquium*

**Prof. H. Hahn** (Horst Hahn, Karlsruhe Institute of Technology (KIT), Institute for Nanotechnology and Joint Research Laboratory Nanomaterials (KIT-TUD), Technische Universität Darmstadt, Germany)

***Electronically tuneable nanostructures***

14.4.2011 11:00 *Bereichsseminar Materialforschung*

**Prof. Dr. Reiner Kirchheim** (Institut für Materialphysik, Universität Göttingen)

***Interaction of hydrogen with defects in metals***

13.4.2011 15:30 *Edge Physics Forum*

**Mike Dunne**

*A study of inter-ELM pedestal current density evolution in ASDEX Upgrade*

13.4.2011 14:00 W7X Codac

**Georg Kühner** (IPP)

*Bericht von der Tagung Software Engineering 2011*

8.4.2011 12:30 ASDEX Upgrade Seminar

(IPP)

*Rehearsals SFP workshop*

6.4.2011 14:00 W7X Codac

**Christine Hennig** (IPP)

*JET CODAS - eine Einführung in 100 Folien (Fortsetzung vom 23.2.2011)*

6.4.2011 12:30 Vortrag

*Meeting on Dust and Arc investigations in ASDEX Upgrade for ITER*

6.4.2011 12:30 Wall Forum

**Various speakers**

*Dust and Arc investigations in ASDEX Upgrade for ITER*

[Slides \(Arc dust Agenda.pdf\)](#)

[Slides \(Brochard video.avi\)](#)

[Slides \(Dust arc Balden 7.pdf\)](#)

[Slides \(Dust arc Brochard 6.pdf\)](#)

[Slides \(Dust arc Endstrasser 8.pdf\)](#)

[Slides \(Dust arc Herrmann 5.pdf\)](#)

[Slides \(Dust arc Reiter 9.pdf\)](#)

[Slides \(Dust arc Rohde 2.pdf\)](#)

[Slides \(Dust arc Siemroth 4.pdf\)](#)

[Slides \(Dust arc Summary 10.pdf\)](#)

[Slides \(Dust arc intro 1.pdf\)](#)

[Slides \(Rohde video.avi\)](#)

[Slides \(dust arc Laux 3.pdf\)](#)

5.4.2011 13:00 Wendelstein-Seminar

**Stefan Marsen** (IPP)

*The Impact of Magnetic Islands on Fluctuations and Transport in the WEGA Stellarator*

5.4.2011 10:30 Oberflächen-Seminar MF

**Philipp Sauter** (IPP)

*Rückhaltung und Erosion in  $\alpha$ -C:W Filmen unter Wasserstoffbeschuss*

1.4.2011 9:00 *IPP Institutskolloquium*

**Prof. Felix Otto** (Max-Planck Institute for Mathematics in Science)

***Pattern formation in micromagnetics***

[Slides](#)

31.3.2011 12:30 *Tokamakphysik Kaffeeseminar*

**Clemente Angioni**

***A gyrokinetic study on electromagnetic effects in particle and toroidal momentum transport***

31.3.2011 11:00 *Bereichsseminar Materialforschung*

**Jeong-Ha You** (IPP Materialforschung)

***Colorful Mechanics of Tungsten Blistering: A continuum point of view***

31.3.2011 10:30 *IPP Institutskolloquium*

***Kandidatenvorstellung zu: W3 Numerische Methoden der Plasmaphysik***

30.3.2011 13:30 *ASDEX Upgrade Seminar*

**Francois Ryter** (IPP)

***L-H transition at low density in ASDEX Upgrade  
(Rehearsal for TTF workshop)***

29.3.2011 13:00 *Wendelstein-Seminar*

**Henri Greuner & Jean Boscary** (IPP)

***1. Erfolgreiche Tests der HHF-Elemente in GLADIS 2. Test results of the first delivery of HHF  
Elements from Plansee***

25.3.2011 14:00 *Vortrag*

***Wissenschaftliches Symposium***

***"Plasma-Wand-Wechselwirkung: Von den Grundlagen zu ITER"***

***anlässlich der Verabschiedung von Dr. Joachim Roth in den Ruhestand***

25.3.2011 9:00 *IPP Institutskolloquium*

**Prof. Dr. Alex C. Mueller** (Deputy Director National Institute for Nuclear and Particle Physics  
CNRS, Paris, France)

***Transmutation radioaktiver Abfälle – Lösung der Endlagerproblematik?***

24.3.2011 15:00 *Wendelstein-Seminar*

**Oliver Lischtschenko** (FOM Rijnhuizen)

***Coherence Imaging Spectroscopy at FOM Rijnhuizen***

24.3.2011 11:00 *Bereichsseminar Materialforschung*  
**Alexander Semenov** (Max-Planck-Institut für extraterrestrische Physik)  
***Atomic force microscopy research methods of different objects***

23.3.2011 15:30 *Edge Physics Forum*  
**A. Litnovsky, M. Matveeva** (Forschungszentrum Jülich)  
***(1) R&D on mirrors for ITER diagnostics: results and challenges (A.L. 20'+5''), (2) Diagnostic mirrors for ITER: active control over impurity deposition and impact of thermo-oxidation on the mirror performance (M.M. 20'+5'')***

23.3.2011 14:00 *ASDEX Upgrade Seminar*

***DPG Rehearsals***

23.3.2011 10:30 *ASDEX Upgrade Seminar*

***DPG Rehearsals***

22.3.2011 10:30 *Oberflächen-Seminar MF*  
**Thomas Schwarz-Selinger** (IPP)  
***Sputtering of Beryllium with pure and Beryllium seeded Deuterium Discharges***

18.3.2011 13:00 *Bereichsseminar Materialforschung*  
**Mathias Sommerer** (Siemens / IPP Garching)  
***The path of heat flow through a nuclear fusion power plant: Identification of components/ materials with other applications outside the field of fusion***

18.3.2011 9:00 *IPP Institutskolloquium*  
**Dr. Dag Hathiramani** (Max-Planck-Institut für Plasmaphysik Teilinstitut Greifswald)  
***Wartungsfreie Gleitlager des Wendelstein 7-X?***

16.3.2011 16:00 *Edge Physics Forum*  
**Steffen Potzel**  
***Detached inner divertor plasmas with and without Nitrogen seeding and Resonant Magnetic Perturbation***

16.3.2011 12:15 *ASDEX Upgrade Seminar*  
**M. Reich**  
***NTM stabilization project spin-off: level-N diagnostic framework***

16.3.2011 10:30 *Oberflächen-Seminar MF*  
**Marta Elorriaga Rico**  
***Erosion of tungsten doped amorphous carbon films by oxygen***

15.3.2011 10:30 *Oberflächen-Seminar MF*

**Unai Auzmendi Arrondo** (IPP Garching)

***Self passivating W alloys***

14.3.2011 12:15 *AUG Mittagsbesprechung*

**Peter Lang**

***Controlling the ELM activity by actuation on the plasma edge***

9.3.2011 14:00 *W7X Codac*

**U. Stridde, A. Werner**

***Cloud Computing für W7-X***

9.3.2011 12:30 *Core Physics Forum*

**Fabian Sommer**

***A new Graphical User Interface for TORBEAM calculations of ECRH power deposition and current drive***

[Slides](#)

8.3.2011 13:00 *Wendelstein-Seminar*

**Henning Stoschus** (Forschungszentrum Jülich (IEK-4))

***Impact of Fast Rotating Resonant Magnetic Perturbation Fields on Ed***

**Karl Krieger**

***Divertor-Manipulator***

17.9.2010 12:15 *ASDEX Upgrade Seminar*

**Alexander Mlynek** (IPP)

***Response of the density profile to central electron heating and its application for feedback control***

17.9.2010 9:00 *IPP Institutskolloquium*

**Dr. Mark A. Henderson** (ITER Organization St Paul Lez Durance Cedex, France)

***An overview of the ITER EC H&CD system and its functional capabilities***

16.9.2010 15:30 *ASDEX Upgrade Seminar*

***SOFT rehearsals: poster presentation I***

13.9.2010 13:00 *Wendelstein-Seminar*

**Jakub Urban** (CAS IPP)

***Simulations of ECRH for WEGA***

10.9.2010 9:00 *IPP Institutskolloquium*

**Dr. Paul-Henri Rebut**

*The steps after ITER, a possibility : the hybrid reactor.*

2.9.2010 12:15 ASDEX Upgrade Seminar

**M. Marascheck** (IPP)

*Disruption detection and their mitigation and avoidance at ASDEX Upgrade*

2.9.2010 11:00 Bereichsseminar Materialforschung

**M. Mayer**

*Computer Simulation of Ion Beam Analysis: Possibilities and Limitations*

1.9.2010 12:15 ASDEX Upgrade Seminar

**TTF rehearsals - oral presentations** (IPP)

31.8.2010 13:00 Wendelstein-Seminar

**Prof. Dr. Friedrich Wagner** (IPP)

*Das koreanische Fusionsprogramm - von Null zum Demo*

30.8.2010 15:30 ASDEX Upgrade Seminar

**TTF rehearsal - poster presentation**

30.8.2010 10:00 ASDEX Upgrade Seminar

**TTF rehearsals - oral presentations** (IPP)

27.8.2010 10:00 ASDEX Upgrade Seminar

**TTF - Varenna rehearsals** (IPP)

25.8.2010 12:30 ASDEX Upgrade Seminar

**C. Angioni** (IPP)

*Gyrokinetic modelling of electron and boron density profiles of H--modes plasmas in ASDEX Upgrade*

18.8.2010 10:30 Oberflächen-Seminar MF

**Martin Köppen**

*Tiefenaufgelöste chemische Analyse: O-Implantation in Be-W-Legierung*

5.8.2010 11:00 Bereichsseminar Materialforschung

**Maik Sode**

*Mass resolved ion density measurements in Hydrogen-Argon plasmas*



30.7.2010 12:15 ASDEX Upgrade Seminar

**Sina Fietz** (IPP)

***Experimentelle Untersuchung der Stromauf- und Stromabbauphase am Tokamak ASDEX Upgrade" (Experimental study of the current ramp up and down at the Tokamak ASDEX Upgrade)***

30.7.2010 9:00 IPP Institutskolloquium

**Prof. R.R. Weynants** (Laboratory for Plasma Physics, Association EURATOM-Belgian State, Royal Military Academy, 1000 Brussels, Belgium. Member of the Trilateral Euregio Cluster.)

***ICRF Review: From the seventies to ITER***

[Slides](#)

29.7.2010 13:00 Edge Physics Forum

**Ronald Wenninger**

***Investigations in ELMs by analysis and comparison of experimental and synthetic data (a first report of work in progress)***

29.7.2010 11:00 Bereichsseminar Materialforschung

**M. Oberkofler**

***Properties of N implanted Be and its interaction with energetic D.***

28.7.2010 10:00 IPP Institutskolloquium

***Abschiedskolloquium***

***anlässlich der Verabschiedung von Dr. Otto Gruber als Projektleiter des Experiments ASDEX Upgrade***

23.7.2010 13:00 ASDEX Upgrade Seminar

**G. Pautasso, V. Lukash, Y. Nakamura**

***Title: Status of AUG halo current modeling Parts: Introduction (G. Pautasso) DINA simulations (V. Lukash) TSC simulations (Y. Nakamura)***

23.7.2010 0:00 IPP Institutskolloquium

**Prof. P. Norreys** (Head, Plasma Physics, Central Laser Facility, Rutherford Appleton Laboratory)

***Recent progress and current status of Inertial Fusion Energy research***

22.7.2010 12:15 Edge Physics Forum

**Volker Rohde** (IPP)

***Recent dust investigations in full tungsten ASDEX Upgrade: Dust production by arcing , refined dust collection and analysis***

21.7.2010 12:15 ASDEX Upgrade Seminar

**Piero Martin** (RFX Padova)

***RFX-mod and MHD: a case study on the role of integration and diversity in the European fusion programme***

20.7.2010 13:00 Wendelstein-Seminar

**Prof. K. Bartschat** (Drake University, Des Moines)

***"Atomic data for fusion relevant species (tentative)"***

19.7.2010 12:15 ASDEX Upgrade Seminar

**Florian Penzel** (IPP)

***Development of an automatized in-situ calibration method for bolometry diagnostics***

16.7.2010 9:00 IPP Institutskolloquium

**Prof. P. Norreys** (Head, Plasma Physics, Central Laser Facility, Rutherford Appleton Laboratory)

***Recent progress and current status of Inertial Fusion Energy research***

15.7.2010 15:30 Edge Physics Forum

**Pierre Sauter**

***Edge measurements related to L-H transition and modelling with SOLPS***

15.7.2010 11:00 Bereichsseminar Materialforschung

**Rainer Behrisch**

***Materialien für die Wände von Fusionsapparaturen***

13.7.2010 12:15 ASDEX Upgrade Seminar

**Norbert Berger** (IPP)

***Temperaturmessungen an Komponenten der Kryopumpe***

13.7.2010 10:30 Oberflächen-Seminar MF

**Tony Phan**

***Compound format at the Be surface during nitrogen implantat***

12.7.2010 12:30 ASDEX Upgrade Seminar

**C. Angioni** (IPP)

***Theory of Quasi-Linear Transport models for core transport codes***

9.7.2010 12:15 Edge Physics Forum

**Tilman Lunt**

***Edge Monte Carlo 3D (EMC3) - Eirene simulations of the W transport in ASDEX Upgrade divertor discharges and other applications***

9.7.2010 9:00 IPP Institutskolloquium

**Prof. Dr. Michael Kramer** (Max-Planck-Institut für Radioastronomie Bonn)

***Time for big machines....***

8.7.2010 9:00 *IPP Institutskolloquium*

**Kolloquium (various speakers)**

6.7.2010 15:30 *Edge Physics Forum*

**Steffen Potzel** (University of Bayreuth)

***Divertor ne determination - current status and recent measurements.***

5.7.2010 10:00 *Core Physics Forum*

**Matthias Strauch**

***Verbesserung des Echtzeitdichteprofils mittels Daten aus der Lithiumbeamdiagnostik***

2.7.2010 9:00 *IPP Institutskolloquium*

**Prof. Allen H. Boozer** (Department of Applied Physics and Applied Mathematics, Columbia University, New York)

***Magnetic perturbations to toroidal plasmas***

1.7.2010 10:30 *Wendelstein-Seminar*

**R. Sydora** (University of Alberta, Edmonton, Alberta)

***New Results on Fast Magnetic Reconnection: Whistler Wave Emission and Anomalous Resistivity***

29.6.2010 11:00 *Bereichsseminar Materialforschung*

**PSI Besprechung**

25.6.2010 13:00 *Wendelstein-Seminar*

**Marcin Jakubowski** (IPP)

***Toroidally resolved measurements of ELMs in RMP and non-RMP H-mode discharges on DIII-D***

25.6.2010 9:00 *IPP Institutskolloquium*

**Dr. Gerhard Knies** (DESERTEC)

***DESERTEC – Clean Power from Deserts for a Sustainable World with 10 billion People***  
[Slides](#)

18.6.2010 9:00 *IPP Institutskolloquium*

**Prof. Dr. Alfred Leitenstorfer** (Department of Physics and Center for Applied Photonics, Universität Konstanz)

***Ultrabroadband Terahertz Physics: Low-energy Dynamics of Condensed Matter in the Sub-cycle Regime***

16.6.2010 14:30 *ASDEX Upgrade Seminar*

**EPS Poster rehearsal (6): 14:30 - 15:30**

**G. Sias; L. Giannone; 2XG. Pautasso; M. Pueschel; Y. Nakamura; V. Lukash; A. Herrmann;**

16.6.2010 12:30 ASDEX Upgrade Seminar

**EPS Rehearsals: 3rd block of talks (IPP)**

**H. Zohm: Invited 25'+5' "A closer look at the ELM cycle"; M. Garcia-Munoz: Oral 12'+3' "Convective and Diffusive Energetic Particles Losses Induced by Shear Alfvén Waves in the ASDEX Upgrade Tokamak"**

16.6.2010 10:30 ASDEX Upgrade Seminar

**EPS Poster rehearsal (5): 10:30 - 11:30**

**T. Happel; I. Classen; J.E. Boom; 2 X A. Binacalani; R. Bilato; S. Jaemsae; T. Ribeiro;**

16.6.2010 9:15 ASDEX Upgrade Seminar

**EPS Poster rehearsal (4): 9:15 - 10:15**

**G. Tardini; A. Snicker; R. Mcdermott; O. Maj; C. Konz; H-J. Klingshirn; A. Janzer; S. de Graca;**

15.6.2010 15:00 Wendelstein-Seminar

**Prof. Friedrich Wagner (IPP)**

**EPS rehearsal "On the heating mix of ITER"**

15.6.2010 12:30 ASDEX Upgrade Seminar

**EPS Poster rehearsal (3): 12:30 - 13:30**

**A. Bergmann; T. Breu; A. Elfimov; V. Igochine; A. Gude; V. Lukash; Y. Nakamura; Gergo I. Pokol;**

15.6.2010 10:30 ASDEX Upgrade Seminar

**EPS Poster Rehearsal (2): 10:30 - 11:30**

**R. Fischer; P. Schneider; M. Sertoli; B. Wieland; E. Wolfrum; Y. Zhang; S. Bardin; D. Curran;**

15.6.2010 9:15 ASDEX Upgrade Seminar

**EPS Poster Rehearsal (1): 9:15 - 10:15 (9:15 - 10:15)**

**Eva Belohony: Magnetic field dependence of pellet penetration; Franz Mehlmann: TRANSPORT OF MOMENTUM IN THE SOL OF ASDEX UPGRADE; F. Meo: Spatially resolved fast ion distribution results of on-axis and off-axis NBI heated plasmas on ASDEX Upgrade using the Collective Thomson Scattering (CTS) Diagnostic; M. Reich: ECCD-based NTM control using the ASDEX Upgrade real-time system; K. Sassenberg: TAEs excited by ICRH beatwaves in the ASDEX Upgrade Tokamak; R. Wenninger: Filament footprints of pellet induced ELMs observed on divertor target; R. K. Fisher: Measurements of Beam Ion Losses On DIII-D Due To MHD Instabilities;**

14.6.2010 15:30 ASDEX Upgrade Seminar

**EPS rehearsals: 2nd block of talks (IPP)**

**E. Poli: Invited 25'+5' "Gyrokinetic investigation of magnetic islands in tokamaks"; P. J. Mc Carthy: Oral 12'+3' "Recovery of edge moments of the current density profile in a tokamak from external magnetic measurements"**

14.6.2010 12:30 ASDEX Upgrade Seminar

**EPS Rehearsals: 1st block of talks (IPP)**

**T. Pedersen: Invited 25'+5' "Violating quasi-neutrality: Studying non-neutral plasmas in Penning traps and toroidal traps" F. Rytter: Invited plenary 28'+7' "Perturbative Studies of Transport Phenomena in Fusion Devices"**

11.6.2010 12:15 ASDEX Upgrade Seminar

**Mike Dunne**

**ELM cycle studies using CLISTE reconstructions**

11.6.2010 9:00 IPP Institutskolloquium

**Prof. Andreas Tilgner** (Institut für Geophysik, Georg-August-Universität Göttingen)

**Geomagnetism: A dynamo in action**

10.6.2010 11:00 Bereichsseminar Materialforschung

**frei**

9.6.2010 15:30 Edge Physics Forum

**Matthias Bernert**

**Diode Bolometry, its Application and Future**

9.6.2010 12:15 ASDEX Upgrade Seminar

**Artour Elfimov**

**Identification of geodesic chirping Alfvén modes and q-factor estimation in hot core tokamak plasmas in ASDEX Upgrade**

8.6.2010 12:30 Tokamakphysik Kaffeeseminar

**Thibaut Vernay** (CRPP Lausanne)

**Collisions in the Gyrokinetic Code ORB5: Improvements to the Langevin Approach**

7.6.2010 16:00 Edge Physics Forum

**Tobias Melson** (Ludwig-Maximilians-Universität, München)

**Kreuzkalibration von Elektronendichteprofilen gemessen mit Thomsonstreuung durch Lithiumstrahl Daten**

3.6.2010 13:00 Wendelstein-Seminar

**Dr. Jef Ongena** (Plasma Physics Lab, Royal Military Academy, Brussels)

**ICRH and IC Wall Conditioning Activities in LPP/ERM-KMS Brussels**

1.6.2010 13:00 ASDEX Upgrade Seminar

**Kyle Gupton** (National Instruments, Austin, Texas)

**High Performance Computing & Measurement with multicore CPU, FPGA and GPU**

27.5.2010 16:00 IPP Institutskolloquium

**Jos Delbeke, Director-General** (DG Climate Action, European Commission)

**The Energy and Climate Change Package of the EU.**

27.5.2010 11:00 Bereichsseminar Materialforschung

**frei**

20.5.2010 13:30 ASDEX Upgrade Seminar

**3rd and last delay of the last talk to be rehearsed for the PSI**

**M. Wischmeier (I) - Assessment of edge modelling in support of ITER;**

20.5.2010 11:00 Bereichsseminar Materialforschung

**Carsten Müller** (TU München Lehrstuhl für Bodenkunde )

**Application of secondary ion mass spectrometry in soil science**

19.5.2010 15:00 IPP Institutskolloquium

**Prof. Robert J. Goldston** (DOE Princeton University Plasma Physics Laboratory)

**Climate Change, Nuclear Power and Nuclear Proliferation: Magnitude Matters**

[Slides](#)

19.5.2010 14:30 ASDEX Upgrade Seminar

**PSI rehearsals JET - 2nd block of talks from JET**

**THIS is UK time - so + 1hour;) 13:30 G. Arnoux - Heat Load Measurements on the JET First Wall during Disruptions (O) 14:00 A. Widdowson - Removal of beryllium-containing films deposited in JET from mirror surfaces by laser cleaning (O) 14:30 T. Eich - Power load studies in Type-I ELMy H-Modes in JET (O) 15:00 H. Thomsen - Analysis of ELM-resolved power fluxes in JET ripple discharges (O) 15:30 T. Loarer - Isotopic plasma wall changeover experiments in JET (O) 16:00 G. Maddison - Moderation of target loads using fuelling and impurity seeding on JET in preparation for the ITER-like wall (O) 16:30 S. Jachmich - Power and Particle Fluxes to Plasma Facing Components in ELM-mitigated H-mode discharges on JET (I)**

19.5.2010 13:15 ASDEX Upgrade Seminar

**Rehearsals PSI - 3rd block of talks**

**V. Rohde (O) - Tungsten Erosion By Arcs In ASDEX Upgrade**

19.5.2010 13:00 Wendelstein-Seminar

**Kyu Dong Lee** (KSTAR)

## ***ECE diagnostics at KSTAR***

19.5.2010 12:15 ASDEX Upgrade Seminar

### **PSI rehearsal - 2nd block of posters**

***R. Neu - Tungsten behaviour in radiatively cooled plasma discharges in ASDEX Upgrade; A Hakkola (by M.Mayer) - Determining Global Transport of Light Elements in the Full-W ASDEX Upgrade; X. Bonnin (D. Coster) - Full-Tungsten Plasma Edge Simulations with SOLPS V. Naulin (Hans Werner Mueller) - Magnetic diagnostic of SOL-filaments generated by type I ELMs on JET and ASDEX Upgrade; N. Endstrasser - Video tracking and post-mortem analysis of dust particles from all tungsten ASDEX-Upgrade; A. Scarabosio - ELM characteristics and divertor loads in ASDEX Upgrade helium discharges ; A. Lyssoivan: ICRF physics aspects of wall conditioning with conventional antennas in large-size tokamaks***

18.5.2010 14:30 ASDEX Upgrade Seminar

### **PSI Rehearsals for JET - 1st block of talks for JET**

***THIS IS UK TIME - so + 1hour...;) Tuesday 18/5, K1/0/38 13:30 S. Brezinsek - Overview of the Experimental Preparation for the ITER-Like Wall at JET (I) 14:10 A. Huber - Radiation loads onto plasma-facing components of JET during transient events - experimental results and implications (I) 14:50 A. Kallenbach - Plasma surface interactions in impurity seeded plasmas (R) 15:40 D. Douai - Recent results on Ion Cyclotron Wall Conditioning in mid and large size Tokamaks (I) 16:20 S. Wiesen - Relevance of transport model assumptions for divertor detachment multi-fluid modelling on JET (O)***

18.5.2010 13:00 Wendelstein-Seminar

**Olivier Izacard (Université d'Aix-Marseille)**

18.5.2010 13:00 ASDEX Upgrade Seminar

### **Rehearsals PSI - 1st block of posters**

***A. Chankin - Effect of Neutrals on the Power Decay Length at the Divertor Target; C. Fuchs - Radiation Losses of Type-I ELMs During Impurity Seeding Experiments in the Full Tungsten ASDEX Upgrade; V. Bobkov - ICRF antenna-plasma interactions and its influence on W sputtering in ASDEX Upgrade; T. Lunt - 3D modeling of the ASDEX-Upgrade edge plasma exposed to a localized tungsten source by means of EMC3-Eirene ; M. Groth (by M. Wischmeier) - Simulations of particle and heat loads in Ohmic and L-mode plasma in DIII-D, AUG, and JET using UEDGE; K. Krieger - Characteristics of induced tungsten melting events in the divertor of ASDEX Upgrade and their influence on plasma performance; T. Makkonen (k. Krieger) - DIVIMP Simulations of C-13 Puffing Experiments in ASDEX Upgrade L-mode Plasma; D. Coster - Detachment physics in SOLPS simulations;***

18.5.2010 12:15 ASDEX Upgrade Seminar

**Rob Goldston (Princeton (PPPL))**

***A Pilot Plant: The Fastest Path to Commercial Fusion Power***

17.5.2010 15:30 ASDEX Upgrade Seminar

**PSI rehearsal - 2nd block of talks**

***T. Puetterich - invited talk - 'ELM flushing and Impurity Transport in the H-mode Edge Barrier in ASDEX Upgrade'.***

17.5.2010 12:15 ASDEX Upgrade Seminar

**Rehearsals PSI - 1st block of talks**

***M. Kocan (Invited) - MEASUREMENTS OF ION ENERGIES IN THE TOKAMAK PLASMA BOUNDARY; L. Aho-Mantila (Oral starting approx.13:00-13:10 - remotely from VTT Finland) - Effect of ExB Driven Transport on the Deposition of Carbon in the Outer Divertor of ASDEX Upgrade***

12.5.2010 12:15 ASDEX Upgrade Seminar

**Dr. I. Classen followed by H. Meister**

***Invited talk by I. Classen "2D Electron Cyclotron Emission Imaging at ASDEX Upgrade"; The talk is followed by a poster from H.Meister "Optimization of a bolometer detector for ITER based on Pt absorber on SiN membrane"***

11.5.2010 12:15 ASDEX Upgrade Seminar

**Dr. J. Seebacher (Universitaet Innsbruck)**

***The new trace ion option for the kinetic transport code EIRENE and its applications for hydrocarbon break up and migration in the SOL plasma***

6.5.2010 15:30 Core Physics Forum

**Dr. Emiliano Fable**

***Advances in modeling of AUG current ramps: experiment and theory***

**[Slides](#)**

6.5.2010 11:00 Bereichsseminar Materialforschung

**PSI Vorträge**

5.5.2010 15:30 Edge Physics Forum

**Klaus Schmid**

***Impact of gyro-motion and sheath acceleration on the flux distribution on rough surfaces***

5.5.2010 14:00 W7X Codac

**Wolfgang Treutterer (ASDEX Upgrade)**

***Simulationsmodus/Replay von Experimentdaten in Echtzeit***

5.5.2010 11:00 Oberflächen-Seminar MF

**Beata Tyburska**

***Deuterium depth profiling - finding a common IPP standard***



4.5.2010 14:00 *Tokamakphysik Kaffeeseminar*

**Juri Smirnov**

***Momentum Conservation in Gyrokinetics***

4.5.2010 13:00 *Wendelstein-Seminar*

**Matthias Reich** (Max-Planck-Institut für Plasmaphysik)

***Real-time diagnostics and their applications at ASDEX Upgrade***

4.5.2010 12:15 *ASDEX Upgrade Seminar*

**V. Rohde** (IPP)

***Arc Surface damage in fusion devices***

3.5.2010 12:15 *ASDEX Upgrade Seminar*

**Herr Schall** (IPP)

***Erosion in Kühlkanälen der PF Spulen***

29.4.2010 12:15 *ASDEX Upgrade Seminar*

**Sergei Putvinski** (ITER)

***Runaway electron suppression by repetitive triggering of MHD bursts***

29.4.2010 11:00 *Bereichsseminar Materialforschung*

**frei**

28.4.2010 10:30 *Oberflächen-Seminar MF*

**S. Reichlmaier** (Physical Electronics)

***Neue Version PHI MultiPak***

23.4.2010 15:00 *ASDEX Upgrade Seminar*

**Prof. J. Howard** (Australian National University, Canberra, Australia)

***COHERENCE IMAGING AND TOMOGRAPHY OF FIELDS AND FLOWS IN TOKAMAK PLASMAS***

22.4.2010 11:00 *Bereichsseminar Materialforschung*

**frei**

21.4.2010 15:30 *Edge Physics Forum*

**Olga Ogorodnikova**

***'Deuterium retention in different W coatings used in ASDEX Upgrade: laboratory data'***

21.4.2010 14:00 *W7X Codac*

**Gregor Neu** (ASDEX Upgrade)

## ***Erfahrungen mit HighLevelParametern***

19.4.2010 12:15 ASDEX Upgrade Seminar

**Valentin Igochine** (IPP)

***Operational limits and MHD instabilities in modern tokamaks and ITER***

16.4.2010 9:00 IPP Institutskolloquium

**Prof. S. Solanki** (Max-Planck-Institut für Sonnensystemforschung)

***The Sun's magnetic field and activity***

16.4.2010 0:00 ASDEX Upgrade Seminar

**Prof. J. Howard** (Australian National university, Canberra, Australia)

***Coherence imaging and tomography of fields and flows in tokamak plasmas***

15.4.2010 15:30 Edge Physics Forum

**Peter Lang**

***Reviewing ELM control techniques - pellet pace making (Rehearsal for the ITPA Pedestal Group meeting)***

15.4.2010 12:30 Tokamakphysik Kaffeeseminar

**Alexander Röder**

***Isotope effect and role of impurities studied with GENE***

15.4.2010 11:00 Bereichsseminar Materialforschung

**frei**

14.4.2010 14:00 W7X Codac

**CoDaC**

***CoDaC intern: Muss die Architektur des Monitorings noch geändert werden (Netzbelastung, Multicast etc.)?***

14.4.2010 13:00 ASDEX Upgrade Seminar

**H. Zohm, A. Kallenbach, F. Ryter, W. Suttrop and the ASDEX Upgrade Team** (IPP)

***Outcome of the AUG group leader meeting: reports and discussions***

[\*Slides \(AUG Future Goals Seminar.pdf\)\*](#)

[\*Slides \(AUG future Kallenbach 140410.pdf\)\*](#)

[\*Slides \(Ryter LHCD ECCD AT.pdf\)\*](#)

[\*Slides \(wsuttrop AUG100414.pdf\)\*](#)

[\*Slides \(AUG Gruppenleiterklausur Summary Seminar.pdf\)\*](#)

13.4.2010 15:00 Tokamakphysik Kaffeeseminar

**William W. Heidbrink** (UC Irvine)

***Fast-ion transport in the Large Plasma Device***

13.4.2010 12:15 ASDEX Upgrade Seminar

**Dr. Gen Motojima** (NIFS)

***High-speed imaging spectroscopy for pellet plasmoid observation in LHD***

12.4.2010 12:15 ASDEX Upgrade Seminar

**Valentin Igochine** (IPP)

***This is a rehearsal for a Lecture: "Introduction to plasma stability"***

[Slides](#)

12.4.2010 11:00 Bereichsseminar Materialforschung

**Jeroen Westerhout** (FOM-Institut, Rijnhuizen)

***Carbon chemical erosion in high flux and low temperature hydrogen plasmas***

8.4.2010 11:00 Bereichsseminar Materialforschung

**Kishor Kumar Kalathiparamabil** (FCIPT, Institute for Plasma Research, Gandhinagar, India)

***Study of plasma characteristics and structural properties of deposited coatings of a multiple magnetron co-sputter deposition setup***

7.4.2010 12:15 ASDEX Upgrade Seminar

**William W. Heidbrink** (University of California Irvine)

***Fast-ion D-alpha Measurements of the Fast-ion Distribution Function***

7.4.2010 10:30 Wendelstein-Seminar

**Nikolai Marushchenko**

***ECCD models with parallel momentum conservation, finite collisionality, and high  $T_e$***

6.4.2010 12:30 ASDEX Upgrade Seminar

**J. Stober** (IPP Rehearsal for 16. Workshop on ECE and ECR. Sanya, China, 12.-15. April )

***ECRH on ASDEX Upgrade - system extension, new modes of operation, plasma physics results - invited talk***

1.4.2010 11:00 Bereichsseminar Materialforschung

**Mathias Pietzka**

***Zeitaufgelöste Massenspektrometrische Untersuchung von gepulsten Methanplasmen***

26.3.2010 14:30 ASDEX Upgrade Seminar

**T. Puetterich** (IPP remote from MIT)

***Pedestal Dynamics and Impurity Transport during the Inter-ELM Phase in ASDEX Upgrade***

25.3.2010 11:00 Bereichsseminar Materialforschung

**Heun Tae Lee** (Osaka University, Japan )

**Overview of permeation apparatus and experiments at Osaka University, Japan**

23.3.2010 13:00 Wendelstein-Seminar

**Dr. Diahong Zhang** ((IPP))

**Experimental estimation of the diffusivity of WEGA plasmas**

19.3.2010 13:00 Wendelstein-Seminar

**Tim Happel** (CIEMAT)

**Doppler Reflectometry in the stellarator TJ-II: Radial electric field and turbulence behavior during L-H transitions**

19.3.2010 12:15 ASDEX Upgrade Seminar

**Marco Sertoli** (IPP)

**Local Effects of ECRH on Argon Transport at ASDEX Upgrade**

19.3.2010 9:00 IPP Institutskolloquium

**Prof. E. Bodenschatz** (MPI for Dynamics and Self-Organization; Georg August University, Goettingen; Cornell University)

**Particle Tracking in Turbulence**

18.3.2010 14:00 ASDEX Upgrade Seminar

**various speakers** (various institutes)

**Various titles with ELMs at JET and AUG as a topic**

18.3.2010 14:00 Wendelstein-Seminar

**Manfred Wanner** (ITER(Garching)/JT60-SA)

**JT-60SA: mission and design status**

18.3.2010 11:00 Bereichsseminar Materialforschung

**frei**

17.3.2010 15:30 Core Physics Forum

**Michael Kraus**

**NBI heating and Current Drive profiles in tokamak plasmas**

[Slides](#)

17.3.2010 14:00 W7X Codac

**Georg Kühner** (IPP HGW)

**Xtext(Eclipse plugin) - a programming language framework (Entwicklung fachspezifischer Sprachen)**

17.3.2010 12:15 ASDEX Upgrade Seminar

**Andreas Kraemer-Flecken** (FZ Juelich)

***Capability of correlation reflectometry and its application at TEXTOR***

[Slides](#)

17.3.2010 10:00 *Core Physics Forum*

**Benedikt Geiger**

***Description of the FIDA simulation code with preliminary results at AUG***

[Slides](#)

16.3.2010 13:00 *Wendelstein-Seminar*

**Joachim Geiger** (IPP)

***Shafranov shift in a toroidally averaged stellarator with and without shear***

[Slides](#)

16.3.2010 0:00 *ASDEX Upgrade Seminar*

**G. Conway** (IPP)

***lecture(s) on EM wave propagation in plasmas - PART II***

15.3.2010 14:00 *ASDEX Upgrade Seminar*

**G. Conway** (IPP)

***Lecture(s) on EM wave propagation in plasmas - PART I***

12.3.2010 9:00 *IPP Institutskolloquium*

**Dr. Flavio Crisanti** (ENEA-Frascati)

***FAST: a Possible European Satellite for ITER experiments***

[Slides](#)

11.3.2010 12:15 *ASDEX Upgrade Seminar*

**H. Zohm** (IPP)

***DPG rehearsal: The physics base for ITER and DEMO***

11.3.2010 11:00 *Bereichsseminar Materialforschung*

**Hans Maier**

***Tungsten coatings for fusion applications***

10.3.2010 15:30 *Edge Physics Forum*

**F. Ryter, R. McDermott, G. Conway**

***Topic: Characteristics of the Improved L-mode (I-Mode) F. Ryter: Improved L-Mode in AUG : previous and recent observations. R. McDermott: Improved L-mode (I-mode) plasmas on Alcator C-Mod: Decoupled edge energy and particle transport barriers. G. Conway: Turbulence and flow***

*behaviour in improved confinement modes. Each talk max 20 min.*

5.3.2010 9:00 IPP Institutskolloquium

**Dr. Henry Aurass** (Astrophysikalisches Institut Potsdam)

*Eruptive energy release at the Sun observed with radio spectroscopy*

[Slides](#)

4.3.2010 12:15 ASDEX Upgrade Seminar

**H. Zohm** (IPP)

*DPG rehearsal: Plasma physics - the scientific base for ITER*

4.3.2010 11:00 Bereichsseminar Materialforschung

**Takumi Chikada**

*Research Activities on Ceramic Coatings for Hydrogen Permeation Barrier*

3.3.2010 12:15 ASDEX Upgrade Seminar

**Matthias Hoelzl** (IPP)

*Modelling of Diffusive Heat Transport across Magnetic Islands and Stochastic Layers*

3.3.2010 10:30 Oberflächen-Seminar MF

**Stefan Jong**

*Carbide formation in W-doped C films*

2.3.2010 12:15 ASDEX Upgrade Seminar

**DPG Rehearsals Talks (12:15~13:30) & Posters starting at end of talks (~13:30/14:00) until 15:00** (IPP and others)

*Block of talks: E. Wolfrum: The latest experimental results for the edge transport barrier in tokamaks; S. Potzel: Bestimmung der Elektronendichte im Divertor von ASDEX Upgrade mit Hilfe der Stark-Verbreiterung der Balmer-Linien; M. Bernert: Bolometrie mit Dioden am Tokamak ASDEX Upgrade; Block of Posters: Jill Jehl: Pellet launcher optimization for ELM pacing in ASDEX Upgrade; Gabor Cseh: A database for pellet ablation investigations in ASDEX Upgrade, Bernhard Nold: Blobdynamik am Rand des Tokamaks ASDEX Upgrade, M. Willensdorfer: Improved chopping of a lithium beam for plasma edge diagnostic at ASDEX Upgrade., B. Sieglin: Elektronentemperaturbestimmung in der Abschältschicht von ASDEX Upgrade durch Helium-I Linien und Bayes'sche Statistik, R. Neu: W behaviour in N seeded discharges in ASDEX Upgrade, H. Hoehnle: Elektron-Zyklotron-Heizung in O2- und X3-Mode an ASDEX Upgrade*

1.3.2010 12:15 ASDEX Upgrade Seminar

**DPG Rehearsals until 14:00 - 3 talks** (IPP)

*1st. block of rehearsals: M. Mayer: Hydrogen retention in tungsten - from laboratory experiments to ITER; F. Sommer: Charakterisierung und Interpretation der Edge Snake zwischen ELMs an ASDEX Upgrade; E. Viezzer: Investigation of passive edge emission at*

## ***ASDEX Upgrade***

26.2.2010 9:00 *Edge Physics Forum*

**organiser: Peter Lang**

***Pellet strategy discussion Part I: Development plans for the launcher systems J. Jehl: Characterization of the blower gun (20') P. Lang: Centrifuge and blower gun - status and options for pacing requirements (20') Discussion I Part II: Proposal RTSP injection for ELM triggering K. Gal: Proposal for an experiment on Room Temperature Solid state Pellet (RTSP) injection for ELM control (10') G. Kocsis: Benefits of RTSP in pellet-plasma interaction studies (10') T. Szepesi: New fast video diagnostics for pellet and ELM investigations (10') Discussion II: The RTSP proposal***

24.2.2010 15:30 *Edge Physics Forum*

**Matthias Willensdorfer**

***Fast chopping of the Lithium beam at ASDEX Upgrade***

24.2.2010 10:30 *Oberflächen-Seminar MF*

**Timo Schindler**

***Automatische Bildverarbeitung an GLADIS***

18.2.2010 11:00 *Bereichsseminar Materialforschung*

**Christian Linsmeier**

***Self-passivating Tungsten Alloys***

17.2.2010 10:30 *Oberflächen-Seminar MF*

**Martin Oberkofler**

***Stickstoff in Beryllium***

16.2.2010 13:00 *Wendelstein-Seminar*

**Dr. Mikhail Kantor** (Ioffe Institute, St.Petersburg, Russia/FZ Jülich/FOM)

***A multipass Thomson scattering diagnostic for study of fast events in TEXTOR plasma***

16.2.2010 9:00 *IPP Institutskolloquium*

**Prof. H. Lesch** (Ludwig-Maximilians-Universität München)

***Die Physik von Science Fiction Filmen (Faschingskolloquium)***

[Slides](#)

11.2.2010 12:15 *ASDEX Upgrade Seminar*

**Mikhail Kantor** (FZ-Juelich)

***A multipass Thomson scattering diagnostic for study of fast events in TEXTOR plasma***

11.2.2010 11:00 *Bereichsseminar Materialforschung*

**frei**

11.2.2010 10:00 ASDEX Upgrade Seminar

**Alfred Mueller** (Universitaet Giessen)

***Ionization and Recombination of Ions: Elementary Processes with Applications***

5.2.2010 9:00 IPP Institutskolloquium

**Prof. Justin Wark** (Department of Physics, Clarendon Laboratory, University of Oxford \*)

***The Generation of Transient Transparent Aluminum with Intense Femtosecond XUV Light***  
[Slides](#)

4.2.2010 12:30 Tokamakphysik Kaffeeseминаr

**Peter Menck**

***Force Indeterminacy in Static Granular Packings***

3.2.2010 12:15 ASDEX Upgrade Seminar

**Andreas Burckhart** (IPP)

***Temporal evolution of the Te and ne profiles during type I ELM cycles at ASDEX Upgrade***

2.2.2010 13:00 Wendelstein-Seminar

**Dr. Heinrich Laqua / Dr. Matthias Hirsch** (IPP)

***Streustrahlungsverteilung in W7-X / Fortschritte bei Auswertung der MISTRAL***

29.1.2010 9:00 IPP Institutskolloquium

**Dr. Georg Michel** (Max-Planck-Institut für Plasmaphysik, Teilinstitut Greifswald)

***Millimeterwellenübertragung am W7-X***

28.1.2010 13:00 Wendelstein-Seminar

**Piero Martin** (University of Padova)

***Self-organized helical equilibria and active control of MHD in RFX-mod***

28.1.2010 11:00 Bereichsseminar Materialforschung

**Herr Wang Peng** (State Key Laboratory of Solid Lubrication, Lanzhou Institute of Chemical Physics, Chinese Academy of Science)

***Preparation and tribological properties of nanocomposite carbon-based films***

26.1.2010 13:00 Wendelstein-Seminar

**Jiangang Li** (Director of ASIPP Hefei, China)

***EAST - Present state and future Plan***

22.1.2010 12:15 ASDEX Upgrade Seminar

**Rainer O. Fischer** (IPP)

***Recent Applications of Integrated Data Analysis at ASDEX Upgrade***



21.1.2010 11:00 *Bereichsseminar Materialforschung*

**Frei**

20.1.2010 15:30 *Edge Physics Forum*

**Matthias Reich**

***Real-Time Diagnostics and their Applications at ASDEX Upgrade***

20.1.2010 10:30 *Oberflächen-Seminar MF*

**Christoph Adelhelm**

***Spannungen in dünnen Schichten und deren Bestimmung während der Abscheidung***

19.1.2010 13:30 *Wendelstein-Seminar*

**H. Zohm**

***What determines the size of DEMO***

15.1.2010 12:15 *ASDEX Upgrade Seminar*

**Sylvia Rathgeber (IPP)**

***Assignment of Zeff profiles at ASDEX Upgrade with Integrated Data Analysis***

15.1.2010 9:00 *IPP Institutskolloquium*

**Prof. Dr. Jörg Rossbach** (Universität Hamburg & DESY)

***The High-Gain Free-Electron Laser: A Source for Ultra-short Intense X-ray Pulses***

14.1.2010 11:00 *Bereichsseminar Materialforschung*

**Frei**

13.1.2010 15:30 *Edge Physics Forum*

**T.Eich, M.Bernert**

***T.Eich: Status of Foil Bolometry. M.Bernert: Status of Diode Bolometry.***

7.1.2010 11:00 *Bereichsseminar Materialforschung*

**Frei**

22.12.2009 16:30 *Vortrag*

**Udo von Toussaint**

***Bayesian Inference: Principles and Methods***

21.12.2009 16:00 *Vortrag*

**Udo von Toussaint**

***Bayesian Inference: Principles and Methods***

18.12.2009 16:30 Vortrag

**Udo von Toussaint**

***Bayesian Inference: Principles and Methods***

18.12.2009 12:15 ASDEX Upgrade Seminar

**Fabian Sommer**

***Characterisation and Interpretation of the Edge Snake in between ELMs***

18.12.2009 9:00 IPP Institutskolloquium

**Prof. Dr. Dr. h.c. Thomas C. Mettenleiter** (Bundesforschungsinstitut für Tiergesundheit)

***Die "Seuchen-Insel" Riems bei Greifswald – von Friedrich Loeffler zu BSE, Vogel- und Schweinegrippe***

17.12.2009 16:30 Vortrag

**Udo von Toussaint**

***Bayesian Inference: Principles and Methods***

17.12.2009 15:30 Edge Physics Forum

**P.Lang**

***ELM pacing investigations at JET with the preliminary new pellet launcher***

17.12.2009 12:15 ASDEX Upgrade Seminar

**Antti Heikki Hakola** (TEKES (Finland))

***Global transport and deposition of  $^{13}\text{C}$  in ASDEX Upgrade after transition to a full-W machine in 2007***

17.12.2009 11:00 Bereichsseminar Materialforschung

**Frei**

16.12.2009 14:00 W7X Codac

**P. Heimann**

***Eclipse Applikationen Programmiererfahrung (Hands on session)***

16.12.2009 10:30 Oberflächen-Seminar MF

**Matthias Reinelt** (IPP)

***Simulation of Retention as a Rate-Equation based Reaction-Diffusion System***

15.12.2009 13:00 Wendelstein-Seminar

**Andrei Simakov** (IPP)

***A Novel Theoretical Approach to 2D- Magnetic Reconnection***

14.12.2009 12:30 Core Physics Forum

**D. Bytschkow**

*Statistische Auswertung zur Plasmazuendung an ASDEX Upgrade*

11.12.2009 13:00 *Edge Physics Forum*

**Eleonora Viezzer** (Ludwig-Maximilians-Universität München)

*Measuring and Modelling the Radial Emissivity Profile of Passive Emission Lines in the Plasma Edge of ASDEX Upgrade (Diplomarbeit)*

11.12.2009 9:00 *IPP Institutskolloquium*

**Dr. Jörg Hobirk** (Max-Planck-Institut für Plasmaphysik)

*Development of an ITER hybrid scenario on JET and ASDEX Upgrade*

[Slides](#)

9.12.2009 15:30 *Edge Physics Forum*

**Dr. Andreas Dinklage**

*Simulation of MSE for W7X*

9.12.2009 14:00 *W7X Codac*

**U. Stridde**

*Kerberos Authentifizierung unter Windows*

9.12.2009 10:30 *Bereichsseminar Materialforschung*

**K. Moshkunov**

*Surface oxides and storage time influence on deuterium retention in W and Mo*

8.12.2009 13:00 *Wendelstein-Seminar*

**Walter Guttenfelder** (Warwick)

*to be announced*

4.12.2009 9:00 *IPP Institutskolloquium*

**Prof. Lyndsay Fletcher** (University of Glasgow)

*Energy release in solar flares*

3.12.2009 12:30 *Tokamakphysik Kaffeeseminar*

**Mattia Siccino**

*Kinetic investigation of magnetic islands in tokamaks*

3.12.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

2.12.2009 12:30 *ASDEX Upgrade Seminar*

**L. Aho-Mantila** (Helsinki University of Technology)

## ***Carbon Transport in the Outer Divertor of ASDEX Upgrade***

1.12.2009 13:00 *Wendelstein-Seminar*

**Krychowiak/Kißlinger/(KiP)**

***Zusätzliches Schutzelement im Divertorpumpspalt (HHF-Divertor)***

30.11.2009 12:30 *Edge Physics Forum*

**Garrard Conway**

***Interaction of Mean and Oscillating Plasma Flows across Confinement Mode Transitions  
(rehearsal for invited talk at International Toki Conference)***

26.11.2009 12:30 *Tokamakphysik Kaffeeseminar*

**Norbert Kluy**

***Linear gyrokinetic calculations of toroidal momentum transport in the presence of trapped electron modes in tokamak plasmas***

25.11.2009 14:00 *W7X Codac*

**sysTerra**

***Hardwarevorstellung***

24.11.2009 11:00 *Vortrag*

**L. Ciupinski** (Warsaw University of Technology)

***"Analytical possibilities at the Warsaw University of Technology"***

23.11.2009 13:00 *ASDEX Upgrade Seminar*

**A. Scarbosio** (IPP)

***Poster rehearsal for the 1st International Conference on "Frontiers in Diagnostic Technologies" (25th-27th November 2009, Frascati, Italy); title: Modeling and optimisation of ion gauges for magnetic nuclear devices***

23.11.2009 12:15 *ASDEX Upgrade Seminar*

**Joerg Hobirk** (IPP)

***An introduction to neutral beam current drive and latest results***

20.11.2009 9:00 *IPP Institutskolloquium*

**Konrad Riße für das Projektteam Magnetfertigung** (Max-Planck-Institut für Plasmaphysik)  
***Das supraleitende Magnetsystem des Wendelstein 7-X von der Bestellung bis zur Montage***

19.11.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

18.11.2009 13:00 *ASDEX Upgrade Seminar*

**A. Weller** (IPP)

## ***Diagnostics in Fusion Research***

18.11.2009 12:15 ASDEX Upgrade Seminar

**Hartmut Reuter**

***OpenAFS + Object Storage and Embedded Filesystems***

17.11.2009 13:00 Wendelstein-Seminar

**Henning Thomsen**

***ELM-resolved power load measurements on JET***

13.11.2009 9:00 IPP Institutskolloquium

**Prof. Dr. Ferdi Schüth** (Max-Planck-Institut für Kohlenforschung, Mitherausgeber des MPG Reports: "Die Zukunft der Energie, die Antwort der Wissenschaft")

***Chemical aspects of future energy systems***

12.11.2009 11:00 Bereichsseminar Materialforschung

**Olga Ogorodnikova**

***Helium effect on Deuterium retention in Tungsten***

11.11.2009 14:00 W7X Codac

**Peter Heimann**

***Nutzung von LDAP und Kerberos für Java***

11.11.2009 12:15 ASDEX Upgrade Seminar

**Michael VanZeeland** (Genera Atomics, San Diego (CA), USA)

***Imaging Key Aspects of Fast Ion Physics in the DIII-D Tokamak***

10.11.2009 13:00 Wendelstein-Seminar

**Dr. Yunfeng Liang** (Forschungszentrum Jülich)

***ELM mitigation with low  $n$  perturbation fields on Tokamak JET***

6.11.2009 9:00 IPP Institutskolloquium

**Prof. Dr. Klaus Blaum** (Max-Planck-Institut für Kernphysik)

***Präzisionsexperimente an gespeicherten und gekühlten exotischen Ionen in Penning-Fallen***

5.11.2009 11:00 Bereichsseminar Materialforschung

**Beata Tyburska**

***D retention in self-implanted tungsten***

4.11.2009 15:30 Edge Physics Forum

**Klaus Schmid**

***Influence of N-Plasmas on W PFC's***

4.11.2009 14:30 ASDEX Upgrade Seminar

**Tilmann Lunt (IPP)**

***Training session for the 3D visualization tool augddd***

4.11.2009 14:00 W7X Codac

**Software AG**

***Service orientierte Architekturen (SOA) und Produkte der Software AG***

4.11.2009 13:00 ASDEX Upgrade Seminar

**Benedikt Geiger (IPP)**

***Optimization of ion temperature and rotation measurements by CXRS***

29.10.2009 11:00 Bereichsseminar Materialforschung

**K. Schmid**

***Impact of gyro-motion and sheath acceleration on the flux distribution on rough surfaces***

23.10.2009 9:00 IPP Institutskolloquium

**Prof. dr.ir. M.C.M. van de Sanden** (Department of Applied Physics Eindhoven University of Technology)

***Thin film and plasma technology for photovoltaics: From fundamentals to industrial application***

22.10.2009 11:00 Bereichsseminar Materialforschung

**Frei**

22.10.2009 11:00 ASDEX Upgrade Seminar

**Marc Maraschek (IPP)**

***Disruption mitigation and avoidance at ASDEX Upgrade***

19.10.2009 12:15 ASDEX Upgrade Seminar

**H. Zohm (IPP)**

***What determines the size of DEMO?***

[Slides](#)

15.10.2009 12:30 Tokamakphysik Kaffeeseminar

**Mirjam Schneller**

***Gyrokinetische Analyse von Turbulenz in AUG mit GENE: Transport schneller Ionen und Einfluss von Stickstoff-Verunreinigungen***

15.10.2009 11:00 Bereichsseminar Materialforschung

**K. Tichmann & M. Mayer**

***Determination of the sticking probability of hydrocarbons on an amorphous hydrocarbons surface & Tungsten erosion and redeposition in the all-tungsten divertor of ASDEX Upgrade***

13.10.2009 12:30 Tokamakphysik Kaffeeseminar

**Calin Atanasiu**

***Response of a resistive wall with holes to an external kink mode in a Tokamak***

9.10.2009 10:00 IPP Institutskolloquium

**Prof. I. Bloch** (Max-Planck-Institut für Quantenoptik)

***Experimentieren mit Quantenmaterie in künstlichen Kristallen aus Licht***

[Slides](#)

8.10.2009 13:00 ASDEX Upgrade Seminar

**C. Angioni** (IPP)

***"Gyrokinetic modeling of particle, impurity and alpha-particle transport, dependence of density profile on collisionality, predictions for ITER"***

8.10.2009 11:00 Bereichsseminar Materialforschung

**U. v. Toussaint**

***Hydrogen-enhanced Erosion of Amorphous Hydrocarbon Films***

7.10.2009 10:30 Oberflächen-Seminar MF

**Olga Ogorodnikova** (IPP Garching)

***Deuterium retention in tungsten in different facilities***

1.10.2009 11:00 Bereichsseminar Materialforschung

**H. Greuner**

***Implementation of automated IR image processing to assess the quality of W7-X high heat flux components***

30.9.2009 14:00 W7X Codac

**Torsten Bluhm**

***Eclipse-RCP "hello world"***

30.9.2009 14:00 Wendelstein-Seminar

**Prof. Thomas Sunn Pedersen** (IPP)

***Studies of non-neutral plasmas in the CNT stellarator***

24.9.2009 11:00 Bereichsseminar Materialforschung

**Philipp Sauter**

***Deuterium retention in tungsten-doped carbon films***

18.9.2009 12:30 Tokamakphysik Kaffeeseminar

**Sohrab Khosh Aghdam**

***The two-fluid cylindrical code CUTIE for tearing mode studies***

17.9.2009 13:00 *Wendelstein-Seminar*

**Dr. Yuriy Podoba** (IPP)

***Development and actual state of the heavy ion beam probe diagnostic***

17.9.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

16.9.2009 12:15 *ASDEX Upgrade Seminar*

**F. Meo**

***Data analysis of the collective Thomson scattering (CTS) diagnostic on ASDEX Upgrade and first results of the fast ion distribution***

15.9.2009 13:00 *Wendelstein-Seminar*

**F.V. Chernyshev**

***NPA Development and Recent Results from CX Diagnostics at Ioffe Institute Tokamaks***

11.9.2009 11:00 *Edge Physics Forum*

**H.W.Müller, G.D.Conway**

***Electron temperature measurements with high time resolution in the SOL of AUG - H.W.Müller  
Correlation and structure of edge ExB flows and density perturbations in ASDEX Upgrade -  
G.D.Conway***

11.9.2009 9:00 *IPP Institutskolloquium*

**Prof. Dr. Erik Lundtang Petersen** (Wind Energy Department; Risø DTU, National Laboratory for Sustainable Energy, Technical University of Denmark, Roskilde)

***Wind Energy: Scientific and Technical Challenges***

10.9.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

3.9.2009 11:00 *Bereichsseminar Materialforschung*

**Matej Mayer**

***Skewness of energy straggling distributions***

2.9.2009 10:30 *Oberflächen-Seminar MF*

**Juan Du**

***Fracture Behaviour of Engineered Fiber/Matrix Interfaces in Fibrous Tungsten/Tungsten Composites***

27.8.2009 11:00 *Bereichsseminar Materialforschung*

**J. Roth**

***Bericht über ITPA-Amsterdam & SEWG Cadarache***



26.8.2009 10:15 ASDEX Upgrade Seminar

**Poster Rehearsal for PET 12**

20.8.2009 11:00 Bereichsseminar Materialforschung

**Frei**

19.8.2009 10:30 Oberflächen-Seminar MF

**Matthias Reinelt**

***Modeling of mixed material formation by coupled reactions***

13.8.2009 11:00 Bereichsseminar Materialforschung

**Frei**

12.8.2009 15:30 Edge Physics Forum

**Marco Wisse** (UKAEA, Culham, Abingdon, Oxfordshire, UK)

***Charge Exchange Spectroscopy on the MAST Tokamak***

6.8.2009 11:00 Bereichsseminar Materialforschung

**Frei**

4.8.2009 14:30 Core Physics Forum

**M. Garcia-Munoz, F. Ryter**

***Discussion of possible future fast ion diagnostics for the core in AUG:***

***M. Garcia-Munoz: Feasibility of the Fast Ion D-Alpha diagnostic (FIDA) /***

***F. Ryter: A proposal for neutral particle analyzers***

4.8.2009 13:00 Wendelstein-Seminar

**Prof. Friedrich Wagner** (IPP)

***On the heating mix for ITER***

31.7.2009 9:00 IPP Institutskolloquium

**Dr. P. Franzen** (Max-Planck-Institut für Plasmaphysik)

***ELISE: ein neuer NNBI-Quellenteststand am IPP auf dem Weg zu ITER***

30.7.2009 15:00 Edge Physics Forum

**Matthias Bernert**

***Hydrogen Lyman alpha measurements with AXUV diodes at Alcator C-Mod***

30.7.2009 11:00 Bereichsseminar Materialforschung

## Frei

23.7.2009 11:00 *Bereichsseminar Materialforschung*

**M. Balden**

***Subsurface morphology investigation of D implanted W***

21.7.2009 14:30 *ASDEX Upgrade Seminar*

**A. Kallenbach and T. Puetterich**

***Rehersal for the Fachbeirat: 14:30 h: A. Kallenbach: Edge, Divertor and plasma wall interactions in ASDEX Upgrade 15:15 h: T. Puetterich: Pedestal physics studies on ASDEX Upgrade***

21.7.2009 12:30 *Tokamakphysik Kaffeeseminar*

**Tobias Hein (IPP)**

***Electromagnetic effects on impurity transport in tokamak plasmas***

21.7.2009 10:00 *Core Physics Forum*

**Yang Zhang (Institute of Plasma Physics - Hefei)**

***Criteria for Disruption Prediction in ASDEX Upgrade***

20.7.2009 12:15 *ASDEX Upgrade Seminar*

**H. Zohm**

***Status, Strategy and Core Physisc Results (Rehearsal for IPP Fachbeirat Meeting)***

16.7.2009 11:00 *Bereichsseminar Materialforschung*

**Thomas Schwarz-Selinger**

***Tilegap erosion by oxygen plasmas***

14.7.2009 12:45 *Oberflächen-Seminar MF*

**Timo Schindler**

***Grundlagen der Thermographie am Beispiel GLADIS***

14.7.2009 12:15 *Core Physics Forum*

**F. Breithuth**

***Modellierung der Stromaufbauphase in ASDEX Upgrade mit dem Transportcode ASTRA***

10.7.2009 9:00 *IPP Institutskolloquium*

**Prof. T. de Zeeuw (Director General, ESO European Southern Observatory)**

***ESO: Present and Future***

[Slides](#)

9.7.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

8.7.2009 12:30 ASDEX Upgrade Seminar

**Dr. R. Mcdermott** (IPP)

*Edge Radial Electric Field Studies via CXRS on the Alcator C-Mod Tokamak*

2.7.2009 11:00 Bereichsseminar Materialforschung

**Martin Oberkofler**

*Hydrogen retention mechanisms in Beryllium*

29.6.2009 14:00 ITED-Seminar

**Prof Rod Boswell** (University of Australia, Canberra)

*Generation of oxygen negative ions in a helicon discharge*

26.6.2009 9:30 ASDEX Upgrade Seminar

**J. Hobrik / EPS Rehearsal Oral** (JET /IPP)

*Improved Confinement in JET hybrid discharges*

25.6.2009 10:00 ASDEX Upgrade Seminar

**EPS Poster Rehearsal**

*\*Simppa Jaemsa\** himself (W. Suttrop), et al. *Benchmarking the fully 3D ASCOT-code against experimental NPA data from ASDEX Upgrade* \*D. Coster: for E. Kaveeva\* et al. *Modeling of inner-outer SOL asymmetry for ASDEX-Upgrade* \*Garcia Munoz: for A.G. Elfimov\* et al. *Rotation effect on geodesic ion Alfvén modes in hot tokamak plasmas* \*V. Ingochine for G. Papp et al.\* *Analysis of sawtooth precursor activity in ASDEX Upgrade using bandpower correlation method* \*G. Munoz for F. Meo\*: *Fast ion distribution results of NBI heated plasmas on ASDEX Upgrade using the Collective Thomson Scattering (CTS) diagnostic* \*A. Scarabosio\*: *ELM characteristics in ASDEX Upgrade helium discharges*

24.6.2009 14:30 ASDEX Upgrade Seminar

**Rehearsal for EPS Invited and Oral and Rehearsal for EFTSOMP Oral**

**\*\*Block 4: 14:30 - 16:50\*\*** \*14:30 - 15:00 A. Bottino Oral (15'+5'): Global nonlinear particle-in-cell gyrokinetic simulations in tokamak geometry\* \*15:00 - 15:30 G. Tardini Oral (15'+5'): Confinement enhancement in ASDEX Upgrade improved H-mode discharges with nitrogen seeding\* \*15:30 - 16:15 V. Rohde Invited (25'+5'): Wall-retention of Deuterium and gaseous impurities in all tungsten AUG\* \*16:15 - 16:50\* \*H. Werner (20'+5') Oral for the EFTSOMP: \*SOL and divertor investigations in Nitrogen seeded discharges

24.6.2009 12:15 ASDEX Upgrade Seminar

**Rehearsal for EPS Invited and Oral**

**\*\*Block 3: 12:15 - 13:00 \*\*** \*12:15 - 13:00 E. Wolfrum Invited (25'+5'): \*Investigation of inter-ELM pedestal profiles in ASDEX Upgrade\* \*13:00 - 13 :50 G. Pautasso Invited (25'+5'): \*Disruption studies in view of ITER\* \*13:50 - 14:20 R. Dux Oral (15'+5'): \*Flushing and Erosion

*of Tungsten during Edge Localised Modes*

24.6.2009 9:00 ASDEX Upgrade Seminar

**P. Lauber / EPS Rehearsal Invited Talk**

**\*9:00 - 9:50 P. Lauber Invited (25'+5'): Kinetic Alfvén Eigenmodes at ASDEX Upgrade**

23.6.2009 13:00 Wendelstein-Seminar

**Dr. Dirk Hartmann (IPP)**

**ICR-Heizszenarien und schnelle Teilchen**

23.6.2009 11:00 Vortrag

**Dr. Takeshi HIRA** (ITER organization in Cadarache)

**ITER divertor and the divertor system**

22.6.2009 15:30 ASDEX Upgrade Seminar

**EPS Poster Rehearsal**

**"P": \* J. Stober: \*\*Fernando Meo\*et al. Fast ion distribution results of NBI heated plasmas on ASDEX Upgrade using the Collective Thomson Scattering (CTS) diagnostic \*"P":\* \*Joerg Stober\*et al. Improved H-mode operation in fully W-coated ASDEX Upgrade - new demands for Electron Cyclotron Resonance Heating "P": \*Hendrik Hoehnle (J. Stober) ,et al. Investigation of the O2- and X3-mode heating in ASDEX Upgrade \*Hans Werner Mueller\* et al. SOL and divertor investigations in Nitrogen seeded discharges \*Hans Werner Mueller\* \*Jiri Adamek\* et al. ELM studies with ball-pen and Langmuir probes on ASDEX Upgrade**

22.6.2009 14:30 ASDEX Upgrade Seminar

**EPS Poster Rehearsal**

**"P": \*Valentin Igochine\* Structure of incomplete sawtooth crashes in ASDEX Upgrade \*\*Bernhard Reiter\* et al. Application of AXUV-Diodes For Broad-Band Plasma Radiation Studies in ASDEX Upgrade "P": \*Thomas Puetterich\* et al. Impurity Transport within an ELM-cycle at the Edge Transport Barrier in ASDEX Upgrade "P":\*Andrea Scarabosio\* et al. ELM characteristics in ASDEX Upgrade helium discharges \*G. Tardini: \*\*Morten Stejner\* et al. Comparison of Collective Thomson Scattering Diagnostic Results to TRANSP Simulations on ASDEX Upgrade**

22.6.2009 13:30 ASDEX Upgrade Seminar

**EPS Poster Rehearsal**

**"P": \*Albrecht Herrmann\*\* et al. Change from attached to detached divertor conditions and heat load profiles in H-mode discharges in ASDEX Upgrade "P": \*Nathaniel Hicks\* et al. Localization of NTMs and Alfvén Eigenmodes in ECE Measurements on ASDEX Upgrade "P": Wolfgang Suttrop\* et al. Physical description of external circuitry for Resistive Wall Mode control in ASDEX Upgrade \*Tilman Lunt\* et al. Implementation and Application of EMC3-EIRENE at ASDEX Upgrade \*Christian Konz\* et al. Comparative Linear MHD Stability Analysis for ASDEX Upgrade and DIII-D Power Scan Studies \*Matthias Reich\*et al. Real-time current profile measurements for NTM control**

22.6.2009 12:30 ASDEX Upgrade Seminar

**Clemente Angioni / Rehearsal EPS Invited (IPP)**

***Particle Transport in Tokamak Plasmas, Theory and Experiment***

19.6.2009 13:00 ASDEX Upgrade Seminar

**\*Rainer Fischer\* et al. Multiple diagnostic data analysis of density and temperature profiles in ASDEX Upgrade \*Christoph Fuchs\* et al. Radiation Distribution During Impurity Seeding Experiments in the Full Tungsten ASDEX Upgrade \*Arne Kallenbach\* et al. Divertor power load feedback with nitrogen seeding in ASDEX Upgrade \*J. Hobrik:\*/\* \*/\*Gabor Kocsis\* et al. Pellet cloud distribution and dynamics for different plasma scenarios in ASDEX Upgrade and JET \*Bernd Kurzan\* et al. Scale lengths of inter-ELM fluctuations in the pedestal of ASDEX Upgrade \*G. Tardini: \*\*Morten Stejner\* et al. Comparison of Collective Thomson Scattering Diagnostic Results to TRANSP Simulations on ASDEX Upgrade**

***EPS Poster Rehearsal: 13:00 - 14:00***

19.6.2009 9:00 IPP Institutskolloquium

**Prof. Dr. Manfred Thumm** (Forschungszentrum Karlsruhe, Association EURATOM-FZK, Institut für Hochleistungsimpuls- und Mikrowellentechnik (IHM) / Universität Karlsruhe, Institut für Hochfrequenztechnik und Elektronik (IHE))

***History, Present State-of-the-Art and Future of Gyrotrons***

18.6.2009 15:40 IMPRS Kolloquium

**Martin Polak** (Leibniz-Institute for Plasma Science and Technology)

***Physiochemical surface modifications of Titanium by plasma immersion ion implantation***

18.6.2009 11:00 Vortrag

**V. Bobkov** (JET / IPP)

***Rehearsal for 18th Topical Conference on Radio Frequency Power in Plasmas, 24 - 26 June 2009, Gent, Belgium: Interaction of ICRF fields with the plasma boundary in AUG and JET and guidelines for antenna optimization***

15.6.2009 12:30 ASDEX Upgrade Seminar

**T.S. Pedersen**

***Studies of non-neutral plasmas in the CNT stellarator***

11.6.2009 15:40 IMPRS Kolloquium

**Mykhailjlo Gnybida** (Leibniz-Institute for Plasma Science and Technology)

***Investigations of a medium-pressure Xe discharge in pulsed mode***

10.6.2009 10:30 Bereichsseminar Materialforschung

**K. Schmid**

***The new High current ion source: Design proposal***

9.6.2009 13:00 *Wendelstein-Seminar*

**Dr. Heinrich Laqua (IPP)**

***ECR-Stromtrieb***

8.6.2009 12:30 *Core Physics Forum*

**Valentin Igochine**

***15 minutes overview of soft X-ray diagnostic on ASDEX Upgrade***

4.6.2009 15:40 *IMPRS Kolloquium*

**Torsten Stange** (Institute for Plasma Physics)

***Investigation of Electron-Bernstein-Wave-Emission for temperature profile diagnostic at the stellarator WEGA***

4.6.2009 11:00 *Bereichsseminar Materialforschung*

**Udo von Toussaint** (IPP Garching)

***Quarz Microbalance 2.0***

2.6.2009 13:00 *Wendelstein-Seminar*

**Dr. Ralf König (IPP)**

***Divertorbetrieb und Diagnostik***

28.5.2009 15:40 *IMPRS Kolloquium*

**Rene Reimer** (Institute for Plasma Physics)

***Local Measurements of Plasma Diamagnetism using the Motional Stark Effect***

28.5.2009 12:45 *ASDEX Upgrade Seminar*

**E. Fable** (CRPP EPFL, Lausanne)

***The physics of electron turbulent particle transport in Tokamak plasmas***

28.5.2009 12:15 *ASDEX Upgrade Seminar*

**R. Neu** (IPP)

***Experience with Refractory Metal Walls and Extrapolation to ITER and DEMO***

28.5.2009 11:00 *Bereichsseminar Materialforschung*

**Marcin Rasinski**

***TEM Possibilities & Problems***

27.5.2009 12:15 *ASDEX Upgrade Seminar*

**F. Meo** (Risoe)

***Progress of the CTS diagnostic at ASDEX Upgrade and first fast ion distribution results***

27.5.2009 10:30 *Bereichsseminar Materialforschung*

**Olga Ogorodnikova** (IPP)

***Recombination coefficients***

26.5.2009 13:00 *Wendelstein-Seminar*

**Dr. Rainer Burhenn (IPP)**

***Verunreinigungstransport***

25.5.2009 12:30 *Core Physics Forum*

**George Sips**

***Breakdown and current rise/ramp-down studies for ITER***

[Slides](#)

20.5.2009 10:30 *Vortrag*

**H. Greuner**

***Möglichkeiten von Langzeitproben im W7X Divertor***

20.5.2009 10:30 *Bereichsseminar Materialforschung*

**Henri Greuner (IPP)**

***Möglichkeiten von Langzeitproben im W7X Divertor***

19.5.2009 13:00 *Wendelstein-Seminar*

**Dr. Joachim Geiger (IPP)**

***MHD Gleichgewichte und Stabilität***

18.5.2009 12:30 *Core Physics Forum*

**Joerg Hobirk**

***q-profile versus confinement in the hybrid scenario - low triangularity***

15.5.2009 9:00 *IPP Institutskolloquium*

**Prof. M. Scheffler** (Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin-Dahlem)

***Get Real! Ab initio description of materials properties and function***

14.5.2009 15:40 *IMPRS Kolloquium*

**Robert Wolf** (Institute of Physics)

***A high resolution multi-of-flight mass separator for isobaric purification***

13.5.2009 12:15 *ASDEX Upgrade Seminar*

**G. Haase** (University of Graz)

***Parallelizing Algebraic Multigrid for Solving Elliptic PDEs and applying these algorithms to the Grad-Shafranov equation***

[Slides](#)

12.5.2009 13:00 *Wendelstein-Seminar*

**Dr. Henning Maaßberg (IPP)**

## ***Profile und Plasmaszenarien***

8.5.2009 9:00 *IPP Institutskolloquium*

**Prof. Dr. Jean Jacquinot** (Scientific advisor to the High Commissioner for atomic Energy, Cabinet of High Commissioner for Atomic Energy, CEA Gif-sur-Yvette, France )

***ITER and the Roadmap to Fusion***

7.5.2009 15:50 *ASDEX Upgrade Seminar*

**Many**

***Rehearsal PFCM poster session***

7.5.2009 15:40 *IMPRS Kolloquium*

**Sebastian Nemschokmichal** (Institute of Physics)

***Determination of Metastable Nitrogen Densities in ccrf Plasmas by Laser induced Fluorescence Spectroscopy***

7.5.2009 15:10 *ASDEX Upgrade Seminar*

**V. Rohde** (IPP)

***Dust Investigations at ASDEX Upgrade***

7.5.2009 14:30 *ASDEX Upgrade Seminar*

**R. Neu** (IPP)

***Ten years of W programme in ASDEX Upgrade – Challenges and Conclusions***

7.5.2009 13:00 *Wendelstein-Seminar*

**C. Beidler** (IPP)

***Neoklassische Optimierung von W7-X***

6.5.2009 12:16 *ASDEX Upgrade Seminar*

**A. Hakola**

***Long-term erosion and deposition studies at ASDEX Upgrade***

6.5.2009 12:15 *ASDEX Upgrade Seminar*

**L. Aho-Mantila** (Helsinki University of Technology)

***Modelling of 13CH4 Injection and Local Carbon Deposition at the Outer Divertor of ASDEX Upgrade***

30.4.2009 15:40 *IMPRS Kolloquium*

**Venkata Ikkurthi** (Institute of Physics)

***Kinetic Simulation of Complex Plasmas***

30.4.2009 11:00 *Bereichsseminar Materialforschung*

**Patrick Reichart**

***Snake***



29.4.2009 10:30 *Oberflächen-Seminar MF*

**Johann Riesch** (IPP Garching)

***W/W-Verbundwerkstoff***

28.4.2009 13:00 *Wendelstein-Seminar*

**A. Stähler**

***NBI-Heizszenarien***

27.4.2009 10:30 *Bereichsseminar Materialforschung*

**Christian Lenser**

***Quaternary Self-Passivating Tungsten Alloys***

24.4.2009 11:00 *Vortrag*

**Dr. Liqun Shi**

***Experimental Simulation on Ageing Behaviour of Tritides***

24.4.2009 11:00 *Bereichsseminar Materialforschung*

**Dr. Liqun Shi** (Applied Ion Beam Physics Laboratory, Fudan University, Shanghai)

***Experimental Simulation on Ageing Behaviour of Tritides***

22.4.2009 14:00 *W7X Codac*

**Georg Kühner**

***MagicDraw UML Hands-on Session, Reverse Engineering***

22.4.2009 10:30 *Oberflächen-Seminar MF*

**Martin Oberkofler** (IPP Garching)

***Mechanismen der Wasserstoffrückhaltung in Beryllium und wie uns DFT dabei helfen kann***

17.4.2009 9:00 *IPP Institutskolloquium*

**Prof. Massimo Altarelli** (European XFEL Project)

***The European X-ray Free-Electron Laser in Hamburg***

[\*Slides\*](#)

16.4.2009 12:30 *Tokamakphysik Kaffeeseminar*

**Hans-Joachim Klingshirn** (IPP)

***Adaptive Schemes for Scrape-Off Layer Fluid Simulations***

16.4.2009 11:00 *Bereichsseminar Materialforschung*

**Frei**

14.4.2009 13:00 *Wendelstein-Seminar*

**Peter Drewelow**

**3D-Vermessung von Magnetfeldlinien am Stellarator WEGA**

9.4.2009 11:00 Bereichsseminar Materialforschung

**Matthias Frey**

***Datenauswertung mit Fehlern in allen Variablen***

3.4.2009 9:00 IPP Institutskolloquium

**Prof. Piero Martin** (University of Padova, Department of Physics and Consorzio RFX, Padova)

***Helical states and feedback control: the reversed field pinch route in the ITER era***

2.4.2009 15:00 W7X Codac

**J. Svensson**

***Bayesian Analysis at JET***

31.3.2009 13:00 Wendelstein-Seminar

**H. Laqua** (IPP)

***ECR-Heizszenarien***

27.3.2009 9:00 IPP Institutskolloquium

**Prof. Dr. Roland Sauerbrey** (Forschungszentrum Rossendorf)

***Laserteilchenbeschleuniger***

26.3.2009 13:15 Tokamakphysik Kaffeeseminar

**N.N.**

***Probenvorträge DPG***

26.3.2009 12:45 ASDEX Upgrade Seminar

**C. Angioni** (IPP)

***Core microinstabilities and confinement modes, illumination from recent progress in particle transport***

26.3.2009 12:15 ASDEX Upgrade Seminar

**F. Ryter** (IPP)

***TEM and ITG driven electron heat transport: results from AUG and JET***

26.3.2009 11:00 Bereichsseminar Materialforschung

**Dagmar de Rooij**

***Amorphous hydrogenated carbon surfaces under high hydrogen fluxes, a molecular dynamics study***

25.3.2009 12:15 ASDEX Upgrade Seminar

**Viele** (IPP)

***DPG Probenvorträge/II***

25.3.2009 10:30 *Oberflächen-Seminar MF*

**Christian Lenser** (IPP)

***Quaternäre W-Legierungen: Passivierung und Gefügeentwicklung***

24.3.2009 13:00 *Wendelstein-Seminar*

**Johann Kisslinger** (IPP)

***Störfeldkorrektur***

24.3.2009 12:30 *Tokamakphysik Kaffeeseminar*

**N.N.**

***Probenvorträge DPG***

20.3.2009 12:15 *ASDEX Upgrade Seminar*

**Viele** (IPP)

***DPG Probenvorträge***

20.3.2009 9:00 *IPP Institutskolloquium*

**Dr. Xavier Garbet** (CEA)

***MHD stability and turbulent transport in Tore Supra plasmas***

18.3.2009 15:30 *Core Physics Forum*

**Philip Schneider**

***Search for Paleoclassical Electron Heat Transport in ASDEX Upgrade***

[Slides](#)

18.3.2009 10:30 *Oberflächen-Seminar MF*

**Thomas Pickert**

***Charakterisierung kristalliner Erbiumoxidschichten***

10.3.2009 13:00 *Wendelstein-Seminar*

**Rudolf Brakel** (IPP)

***Kommissionierungsphase W7-X***

6.3.2009 9:00 *IPP Institutskolloquium*

**Prof. Dr. Jochen Wosnitza** (Hochfeld-Magnetlabor Dresden, Forschungszentrum Dresden-Rossendorf)

***Die Jagd nach dem Feldrekord - Forschung in hohen Magnetfeldern***

4.3.2009 15:30 *Edge Physics Forum*

**Tamás Szepesi** (Research Institute for Particle and Nuclear Physics, Budapest, Hungary)

***Investigation of pellet-driven magnetic perturbations in different tokamak scenarios***

[Slides](#)

4.3.2009 14:00 W7X Codac

**Anett Spring**

***CoDaC-Forum für Einsteiger: Hands-On Session Xcontrol***

3.3.2009 13:00 Wendelstein-Seminar

**Dirk Hartmann (IPP)**

***The HF-conditioning system for W7-X***

26.2.2009 11:00 Bereichsseminar Materialforschung

**Michael Schöbel**

***Thermische Ermüdung in SiC Faser verstärktem Kupfer untersucht mittels in situ Synchrotron Diffraction und Tomografie Experimenten.***

25.2.2009 15:30 Edge Physics Forum

**H W Mueller**

***Probing ASDEX Upgrade (rehearsal for the "COMPASS programmatic conference", approx. 30 min)***

25.2.2009 14:00 W7X Codac

**Torsten Bluhm**

***CoDaC Hands-on-Forum DataBrowser***

25.2.2009 10:30 Oberflächen-Seminar MF

**Peter Worbs (IPP Garching)**

***iC films as wetting promoter -- discussion about the ongoing work of the PhD thesis of Peter Worbs***

24.2.2009 9:00 IPP Institutskolloquium

**Prof. Metin Tolan (Technische Universität Dortmund Fakultät Physik)**

***Faschingskolloquium: „Geschüttelt, nicht Gerührt!“ James Bond im Visier der Physik***

18.2.2009 15:30 Edge Physics Forum

**Prof. A.Kallenbach**

***(1) JET experiments with N seeding in AUG-like hybrid discharges (max. 20 min) (2) New programme and structure of ITPA Group for Divertor/SOL physics (20 min.)***

[Slides](#)

18.2.2009 12:15 ASDEX Upgrade Seminar

**E. Wolfrum (IPP)**

***What determines the radial electric field in the edge transport barrier?***

[Slides](#)

13.2.2009 9:00 *IPP Institutskolloquium*

**Dr. Jérôme Pamela** (EFDA)

**Key R&D Issues for DEMO**

[Slides](#)

6.2.2009 9:00 *IPP Institutskolloquium*

**Dr. Martin Balden** (Max-Planck-Institut für Plasmaphysik)

**Chemical sputtering of doped carbon-based materials by hydrogen impact**

4.2.2009 15:30 *Edge Physics Forum*

**Steffen Potzel**

**Determination of the Electron Density in the Divertor of ASDEX Upgrade Using Stark Broadening of the Balmer Lines (Diplomarbeit)**

[Slides](#)

4.2.2009 14:00 *W7X Codac*

**Marc Lewerentz**

**Expert Forum: Adobe Flash**

3.2.2009 13:00 *Wendelstein-Seminar*

**Luca Fattorini** (IPFN)

**A review of reflectometry studies at ASDEX Upgrade: - type-I ELMs induced edge barrier collapse - magnetic ripple effects**

29.1.2009 15:40 *IMPRS Kolloquium*

**Tama Bela Fehér** (Institute for Plasma Physics)

**Numerical treatment of the interaction between Alfvén waves and fast particles in fusion devices**

29.1.2009 12:30 *ASDEX Upgrade Seminar*

**AUG Task Force Leaders**

**AUG Programme Discussion**

28.1.2009 14:00 *W7X Codac*

**Christine Hennig**

**CoDaC-Expert-Forum: Erstellung einer Java Native Interface Bibliothek**

23.1.2009 9:00 *IPP Institutskolloquium*

**Prof. Dr. Dr. Herwig Paretzke** (Institut für Strahlenschutz, Helmholtz Zentrum München, Neuherberg Deutsches Forschungszentrum für Gesundheit und Umwelt)

**Neue Erkenntnisse über die gesundheitlichen Wirkungen niedriger Strahlendosen**

[Slides](#)

22.1.2009 15:40 IMPRS Kolloquium

**Horst Maurer** (Leibniz-Institute for Plasma Physics and Technology e.V.)

***The Temperature of Micro-Particles in the Sheath of an RF-Plasma***

21.1.2009 12:30 ASDEX Upgrade Seminar

**V. Rohde** (IPP)

***Dust investigations in ASDEX Upgrade***

21.1.2009 10:30 Oberflächen-Seminar MF

**Christian Lenser**

***Quaternäre W-Legierungen (Masterarbeit)***

16.1.2009 9:00 IPP Institutskolloquium

**Dr. Philipp Lauber** (Max-Planck-Institut für Plasmaphysik)

***Damping and Drive of Global Alfvénic Modes in Tokamaks***

15.1.2009 15:40 IMPRS Kolloquium

**Thomas Pannowitsch** (Institute for Physics)

***Research into ionospheric disturbances using GNSS measurements data***

14.1.2009 15:30 Core Physics Forum

**Matthias Reich**

***Fast particle losses by NTM-triggering monster sawteeth***

[Slides](#)

14.1.2009 14:00 W7X Codac

**Andreas Werner**

***Forum: Grid = SOA? Komponenten des Globus Toolkit 4***

13.1.2009 13:00 Wendelstein-Seminar

**Hans Oosterbeek** (IPP)

***Line-of-Sight ECE for tearing mode suppression with ECW***

8.1.2009 15:40 IMPRS Kolloquium

**Marko Hübner** (Leibniz-Institute for Plasma Science and Technology e.V.)

***On Destruction of Volatile Organic Compounds using a Dielectric Pellet Bed Reactor***

19.12.2008 9:00 IPP Institutskolloquium

**Dr. Christian Eherer** (EFDA CSU Garching)

***Long-term Energy Scenario Modelling***

[Slides](#)

18.12.2008 11:00 *Bereichsseminar Materialforschung*  
**Dr. Alain Allouche** (Universite de Provence, Marseille)  
***Quantum studies on beryllium based materials***

16.12.2008 12:55 *ASDEX Upgrade Seminar*  
**M. Wischmeier** (IPP)  
***Current understanding of divertor detachment in Ohmic and L-mode plasmas***

16.12.2008 12:15 *ASDEX Upgrade Seminar*  
**A. Scarabosio** (IPP)  
***Neutral particle flux measurements on AUG and ion gauge modelling for ITER***

12.12.2008 9:00 *IPP Institutskolloquium*  
**Dr. Gabriella Pautasso** (Max-Planck-Institut für Plasmaphysik)  
***Mitigation of disruptions and the ITER challenge***  
[Slides](#)

11.12.2008 14:00 *Oberflächen-Seminar MF*  
**Dr. Matthias Reinelt** (IPP)  
***Hydrogen migration through complex materials: Lattice Kinetic Monte Carlo***

11.12.2008 11:00 *Bereichsseminar Materialforschung*  
**Yury Gasparyan**  
***Results of permeation experiments***

10.12.2008 15:30 *Core Physics Forum*  
**Giovanni Tardini**  
***NBI distribution functions with TRANSP in ASDEX Upgrade***  
[Slides](#)

10.12.2008 14:00 *W7X Codac*  
**Georg Kühner**  
***Forum: Smart Client Technology (OSGI etc.)***

4.12.2008 15:40 *IMPRS Kolloquium*  
**Christopher Rapson** (Institute for Plasma Physics)  
***Beam-Plasma Instabilities***

4.12.2008 12:30 *Edge Physics Forum*

**Pierre Sauter** (Ludwig-Maximilians-Universität München, Fakultät für Physik)  
*Development of a Monte-Carlo code to understand the ASDEX pressure gauge performance (Diplomarbeit)*

4.12.2008 11:00 Bereichsseminar Materialforschung  
**Moshkunov Konstantin** (MEPhI)  
*Deuterium retention in boronized and Al<sub>2</sub>O<sub>3</sub> coated W*

3.12.2008 17:00 Wendelstein-Seminar  
**Oliver Lischtschenko**  
*Edge Biasing Experiments in the WEGA Stellarator*

1.12.2008 12:30 ASDEX Upgrade Seminar  
**A. Elfimov**  
*Kinetic Effect on Geodesic Ion induced Alfvén Mode*

28.11.2008 9:00 IPP Institutskolloquium  
**Prof. Dr. Friedrich Wagner** (IPP)  
*33 Jahre in der Fusionsforschung: F. Wagner, IPP Garching und Greifswald*  
[Slides](#)

27.11.2008 15:40 IMPRS Kolloquium  
**Benjamin May** (Institut für Physik)  
*Theoretical Investigations of a DC Oxygen Glow Discharge*

24.11.2008 12:30 Core Physics Forum  
**Dmitriy Yadikin**  
*Modelling of the resistive wall mode stability in ASDEX Upgrade*  
[Slides](#)

20.11.2008 15:40 IMPRS Kolloquium  
**Robert Warmbier** (Institute for Plasma Physics)  
*Spectroscopic and reactive data for astrophysics*

19.11.2008 12:15 ASDEX Upgrade Seminar  
**A. Kallenbach** (IPP)  
*N<sub>2</sub> seeding experiments in AUG - input for JET science meeting*

18.11.2008 13:00 Wendelstein-Seminar  
**Heinrich Laqua** (IPP)  
*Fundamental Investigation of Electron Bernstein Wave Physics and Consequences on Stellarator and Tokamak Experiments*



17.11.2008 12:30 ASDEX Upgrade Seminar

**T. Lunt** (IPP)

***Fast video observations in ASDEX Upgrade***

14.11.2008 9:00 IPP Institutskolloquium

**Dr. Jean-Louis Boutard** (EFDA-CSU Garching)

***Materials for DEMO: status, achievements and future objectives***

[Slides](#)

13.11.2008 15:40 IMPRS Kolloquium

**Karla Kauffmann** (Institute for Plasma Physics)

***Collisions in EUTERPE Gyrokinetic Code***

13.11.2008 11:00 Bereichsseminar Materialforschung

**Frederic Le Guern** (EFDA)

***DUST and TRITIUM MANAGEMENT***

12.11.2008 15:30 ASDEX Upgrade Seminar

**M. Reich** (IPP)

***Isotope dependence of H-mode threshold and confinement in ASDEX Upgrade***

12.11.2008 14:00 W7X Codac

**Georg Kühner**

***Forum: Konfigurationsmanagement (.. und Buildprozesse mit Ant)***

12.11.2008 13:15 Vortrag

**M. Winkler, E. Vogelsanger**

***Informationen zum TVoeD***

12.11.2008 12:15 ASDEX Upgrade Seminar

**Tim Happel** (Ciemat)

***Design of a Doppler Reflectometer System and Velocity Shear Layer investigations by Reflectometry in TJ-II***

12.11.2008 9:00 IPP Institutskolloquium

**Prof. Dr. Günther Hasinger** (Max-Planck-Institut für Plasmaphysik, Garching, Technische Universität, München)

***From Dark Energy to Fusion***

[Slides \(08.11.12 Hasinger.ppt\)](#)

[Slides \(IPP Song.doc\)](#)

7.11.2008 12:15 *ASDEX Upgrade Seminar*

**L. Wenzel** (Maths and Signal Processing Group, National Instruments, Austin, Texas)  
***Just-In-Time Mathematics How LabVIEW Deals With Large Systems Under Realtime Constraints***

5.11.2008 14:00 *W7X Codac*

**Georg Kühner**  
***Forum: Softwareentwicklungsprozess (Begriffe, Rollen, Artefakte)***

5.11.2008 9:00 *Wendelstein-Seminar*

**Manfred von Hellermann** (FOM-Institute for Plasma Physics Rijnhuizen, NL)  
***Status of the ITER CXRS diagnostics***

4.11.2008 13:00 *Wendelstein-Seminar*

**Yury Yakovenko** (Institute for Nuclear Research (Kiev))  
***Effect of the Toroidal Asymmetry on the Structure of TAE Modes in Stellarators***

3.11.2008 9:00 *IPP Institutskolloquium*

**Prof. Dr. Günther Hasinger**  
***Das Schicksal des Universums***  
[Slides](#)

30.10.2008 11:00 *Bereichsseminar Materialforschung*

**Dr. Marc Möllenhoff** (Development & Technology, SCHOTT Solar CSP GmbH, Mitterteich)  
***Solartechnologien bei SCHOTT Solar***

29.10.2008 10:30 *Oberflächen-Seminar MF*

**Marcin Rasinski** (IPP)  
***FIB/TEM characterization of fusion materials in IPP***

28.10.2008 13:00 *Wendelstein-Seminar*

**Donald Spong** (Oak Ridge National Laboratory)  
***Energetic particle physics issues for three-dimensional toroidal configurations***

23.10.2008 11:00 *Tokamakphysik Kaffeeseminar*

**Alf Köhn** (IPF Universität Stuttgart)  
***Microwave heating of overdense plasma***

23.10.2008 11:00 *Bereichsseminar Materialforschung*

**Armin Manhard**  
***Wasserstoff in Wolfram***

22.10.2008 14:00 *W7X Codac*

**Georg Michel**

**Forum: TTE/TDC-Funktionalität mit billiger Katalogware**

22.10.2008 12:45 ASDEX Upgrade Seminar

**D. Dodt** (IPP Greifswald)

**Integrierte Datenanalyse zur Rekonstruktion von EEVFs aus emissionsspektroskopischen Daten**

22.10.2008 12:15 ASDEX Upgrade Seminar

**H. Zohm** (IPP)

**Direct Measurement of the EBW Heating and Current Drive at the WEGA Stellarator (Laqua)**

7.12.2007 13:15 ASDEX Upgrade Seminar

**J. Schweinzer, E. Wolfrum, A. Kirk, M. Maraschek**

**ASDEX Upgrade Program 2008**

7.12.2007 12:15 ASDEX Upgrade Seminar

**Francesco Volpe** (General Atomics)

**Diagnosis and Control of Rotating and Locked Tearing Modes in DIII-D**

7.12.2007 9:00 IPP Institutskolloquium

**Dr. Matej Mayer** (IPP)

**Materialtransport und Wasserstoffinventar in Tokamaks**

[Slides](#)

6.12.2007 14:30 Core Physics Forum

**Roberto Bilato**

**Simulations of NBI-ICRH synergy with full-wave TORIC package**

4.12.2007 13:00 Wendelstein-Seminar

**F. Wagner, L. Wegener, D. Dodt**

**(1) NCSX construction review (Wagner/Wegener)**

**(2) Reconstruction of EEDF from emission spectroscopic data (Dodt)**

30.11.2007 9:00 IPP Institutskolloquium

**Dr. Elisabeth Wolfrum** (IPP)

**Detaillierte Randprofile - der Schlüssel zur H-Mode?**

[Slides](#)

29.11.2007 12:30 Tokamakphysik Kaffeeseminar

**Dr. Vito Lancellotti** (Politecnico di Torino)

**ICRF Modeling for Plasma Thrusters with TOPICA**

27.11.2007 13:00 *Wendelstein-Seminar*

**D.G. Pretty , Bruce Scott** (D.G. Pretty: Australian national university B.D. Scott: IPP Garching )  
***1st: Automatic analysis of multichannel time series applied to MHD fluctuations 2nd: Dynamical alignment of trace ion density fluctuations in gyrofluid turbulence***

23.11.2007 9:00 *IPP Institutskolloquium*

**Prof. Dr. Dr. h.c. Wolfgang Eberhardt** (Technische Universität Berlin, Berliner Elektronenspeicherring-Gesellschaft für Synchrotronstrahlung m.b.H (BESSY))

***Highlights in Science and Materials Research at BESSYII***

[Slides](#)

22.11.2007 11:00 *Bereichsseminar Materialforschung*

**Dr. Dante F. Franceschini** (Instituto de Física, Universidade Federal Fluminense Rio de Janeiro, Brazil)

***Growth and erosion effects in  $\alpha$ -C:N:H films deposition***

21.11.2007 14:00 *W7X Software Seminar*

**Norbert Busch (FH Stralsund)**

***Modellierung naturwissenschaftlicher Domänen unter der Verwendung von Metadaten und Ontologien***

20.11.2007 13:00 *Wendelstein-Seminar*

**M. Jakubowski (FZJ)**

***Non-axisymmetric heat loads to the lower divertor of the DIII-D tokamak***

16.11.2007 16:00 *IPP Institutskolloquium*

**Prof. Hans-Joachim Kunze** (Ruhr-Universität Bochum)

***Ein Streifzug durch die Plasmaspektroskopie***

15.11.2007 12:30 *ASDEX Upgrade Seminar*

**Bart Hennen (FOM)**

***Dynamics and control of a mechanical ECCD/ECRH launcher***

14.11.2007 10:30 *Oberflächen-Seminar MF*

**Stefan Lindig** (IPP Garching)

***Kristallographie und Röntgenbeugung***

9.11.2007 9:00 *IPP Institutskolloquium*

**Prof. Dr. Achim von Keudell** (Ruhr-Universität Bochum)

***Plasmen in der Medizintechnik: Plasmasterilisation und Mikroplasmen***

8.11.2007 11:00 *Bereichsseminar Materialforschung*

**Prof. Herbert Dittrich** (FB Materialforschung und Physik, Universität Salzburg Christian Doppler Labor „ASEC“)

***Neue Dünnschichtsolarzellen mittels Ionenzerstäuben***

6.11.2007 14:00 Tokamakphysik Kaffeeseminar

**Enrico Fonda**

***Lattice-Boltzmann inverse kinetic approach for the incompressible Navier-Stokes equations***

30.10.2007 13:30 Wendelstein-Seminar

**H.-J. Hartfuss**

***Microwave Diagnostics for ITER***

25.10.2007 11:00 Bereichsseminar Materialforschung

**Michael Schlüter** (IPP Garching)

***Synergistische Effekte bei der Erosion von a-C:H Schichten mit thermischen und niederenergetischen Teilchenstrahlen***

23.10.2007 17:00 IPP Informationsveranstaltung

**Dipl. Soz. Nina Wernthaler** (Familienservice)

***Das Elterngeld***

18.10.2007 15:30 Edge Physics Forum

**Jiri Adamek** (Institute of Plasma Physics, Euratom Association, Academy of Sciences of the Czech Republic)

***Plasma potential measurements using a ball-pin probe on the midplane manipulator of ASDEX Upgrade***

18.10.2007 12:30 Core Physics Forum

**Lorne Horton and Francois Ryter**

***Reports from the H-mode workshop and from the PEP and CDBM TG's of the ITPA***

18.10.2007 11:00 Bereichsseminar Materialforschung

**Verena Paffenholz / Alessandro Zivelonghi** (IPP Garching)

***Aktueller Stand der Doktorarbeit***

17.10.2007 12:15 ASDEX Upgrade Seminar

**C. Perez von Thun** (UKAEA/JET)

***Identifying the MHD signature associated with type-II ELMs on AUG***

16.10.2007 15:00 Tokamakphysik Kaffeeseminar

**Mahmoud Ahmad**

***Theoretical study of the phonon part of the thermal conductivity of materials***

15.10.2007 12:30 Core Physics Forum

**Joerg Hobirk**

*The JET hybrid scenario and its q-profile*

10.10.2007 12:15 ASDEX Upgrade Seminar

**T. Lunt** (Humboldt Universität Berlin)

*Measurements of the Ion Velocity Distribution in the Presheath of a Magnetised Plasma by means of Laser Induced Fluorescence*

9.10.2007 13:30 Wendelstein-Seminar

**H. Wobig**

*Drift waves of a multi-fluid plasma in stellarator geometry*

5.10.2007 12:40 ASDEX Upgrade Seminar

**F. Meo** (Association EURATOM-Risø National Laboratory Technical University of Denmark)

*Commissioning activities and first results from the Collective Thomson Scattering (CTS) Diagnostic on ASDEX Upgrade*

5.10.2007 12:30 Tokamakphysik Kaffeeseминаr

**Onno Boehler**

*Introduction to the matching law and melioration*

5.10.2007 12:15 ASDEX Upgrade Seminar

**M. Garcia-Munoz**

*MHD induced fast ion losses in ASDEX Upgrade*

4.10.2007 12:30 Tokamakphysik Kaffeeseминаr

**Tobias Breu** (Universität Regensburg)

*A two-sided Lanczos method for the computation of the overlap Dirac operator at nonzero chemical potential*

4.10.2007 11:00 Bereichsseминаr Materialforschung

**Dr. Subroto Mukherjee** (Institute for Plasma Research, Gandhinaga, India)

*Surface Engineering with Low Pressure Plasmas*

1.10.2007 12:30 ASDEX Upgrade Seminar

**I. Classen**

*Imaging and control of magnetic islands: ECE-Imaging results from TEXTOR and plans for ASDEX Upgrade*

28.9.2007 12:30 Tokamakphysik Kaffeeseминаr

**C.-V. Atanasiu**

*A first step towards resistive wall mode calculation for a divertor Tokamak configuration*

26.9.2007 14:30 Core Physics Forum

**Giovanni Tardini**

***Transient modelling using TRANSP***

26.9.2007 9:30 *Edge Physics Forum*

**Bernd Langer**

***Erstmalige Bestimmung des radialen elektrischen Feldes am Plasmarand durch linienintegrierte Messungen an He<sup>+</sup>***

25.9.2007 13:30 *Wendelstein-Seminar*

**M. Jakubowski** (Forschungszentrum Jülich)

***Non-axisymmetric heat loads to the lower divertor of the DIII-D tokamak***

25.9.2007 13:00 *Tokamakphysik Kaffeeseminar*

**Martin Hetzenegger**

***Calculation of hadron masses on the lattice***

24.9.2007 14:00 *Tokamakphysik Kaffeeseminar*

**Niels Gürtler**

***Simulation of a 1D Quantum Plasma using Parallel Computers***

24.9.2007 12:30 *ASDEX Upgrade Seminar*

**T. Bolzonella and D. Yaldykin** (Consorzio RFX and IPP)

***RWM rotation in tokamaks and RFPs: modelling and experiments***

21.9.2007 9:00 *IPP Institutskolloquium*

**Prof. Daniele Carati** (Université Libre de Bruxelles, Physique Statistique et Plasmas)

***Large-Eddy simulations for MHD.***

[Slides](#)

19.9.2007 15:00 *ASDEX Upgrade Seminar*

***IAEA TM on H mode physics and transport barriers - Poster Rehearsal***

19.9.2007 12:15 *ASDEX Upgrade Seminar*

**V. Igochine**

***Quasi-periodic transition to chaos during sawtooth crash in ASDEX Upgrade***

18.9.2007 13:30 *Wendelstein-Seminar*

**A. Dinklage**

***Integrated Data Analysis for Fusion - A Bayesian Tutorial for Diagnosticians***

13.9.2007 11:00 *Bereichsseminar Materialforschung*

**Prof. Peter Bauer** (Universität Linz)

## ***Low Energy Ions Scattering: Fundamental and Novel Applications***

11.9.2007 13:30 *Wendelstein-Seminar*

**E. Smirnova** (High Power Electrodynamics, Los Alamos National Laboratory)

***Microwave and mm-wave Applications of Photonic Band Gap Structures***

6.9.2007 13:00 *Tokamakphysik Kaffeeseminar*

**Tobias Motz** (Universität Regensburg)

***Three - and Four - Parton Contributions to the Heavy Quark Forward - Backward - Asymmetry***

5.9.2007 14:00 *W7X Software Seminar*

**A. Werner**

***Software Forum: Using Web Services***

4.9.2007 10:30 *Oberflächen-Seminar MF*

**Annegret Brendel** (IPP Garching)

***SiC Long Fibre Reinforced Copper for the Divertor Heat Sink***

30.8.2007 11:00 *Bereichsseminar Materialforschung*

**Matthias Reinelt** (IPP Garching)

***Hydrogen retention in beryllium and erosion of ultra-thin carbon films***

29.8.2007 14:00 *W7X Software Seminar*

**A. Werner**

***Software Forum: Programming in C++***

28.8.2007 13:30 *Wendelstein-Seminar*

**H. Dreier**

***Physics diagnostic optimization using Bayesian Theory***

28.8.2007 10:30 *Oberflächen-Seminar MF*

**Christoph Adelhelm** (IPP Garching)

***X-ray emission spectroscopy measurements at ESRF***

23.8.2007 14:00 *Bereichsseminar Materialforschung*

**Dr. Dongping Liu** (School of Mathematics and Physics, Dalian Nationality University, China)

***Exploring Radical-Surface Interactions During Film Deposition (and Plasma Etching):***

***Hypothesis Testing Using IRIS (Imaging of Radicals Interacting with Surfaces)***

21.8.2007 13:30 *Wendelstein-Seminar*

**G. Pokol** (BME NTI, Budapest)

***Magnetic fingerprints - structure of transient events seen in W7-AS Mirnov coil signals***

8.8.2007 16:00 *ASDEX Upgrade Seminar*



**A. Janzer**

***Real-Time Detection and Classification of MHD Activity***

6.8.2007 11:00 *Wendelstein-Seminar*

**Dr P. Beiersdorfer** (Lawrence Livermore National Laboratory, California, USA)

***Spectroscopy at highly charged atoms***

2.8.2007 11:00 *Bereichsseminar Materialforschung*

**Prof. Dr. Holger Kersten** (AG Plasmatechnologie, CAU Kiel)

***Plasmaanalyse mit Thermosonden - Charakterisierung von Plasmaquellen mit einfachen Meßverfahren***

31.7.2007 14:00 *IPP Institutskolloquium*

**Prof. Dr. Harald Lesch** (USM/LMU)

***Superstrong Plasma Turbulence and Pulsar emission***

[Slides](#)

31.7.2007 9:00 *Bereichsseminar Materialforschung*

**Prof. Dr. Gottlieb S. Oehrlein** (IPP Garching / Department of Materials Science and Engineering, University of Maryland)

***Surface Modifications and Erosion of  $\alpha$ -C:H and Model Polymers using D Atoms and Ar Discharges at a Substrate Temperature of  $\sim 50$  °C***

26.7.2007 12:30 *Tokamakphysik Kaffeeseminar*

**Tobias Hein** (Univ. Würzburg)

***Diffusive and convective transport of cosmic rays in elliptical galaxies***

26.7.2007 11:00 *Bereichsseminar Materialforschung*

**Dr. Udo von Toussaint** (IPP Garching)

***Chemical sputtering of amorphous hydrogenated carbon films studied by molecular dynamics***

23.7.2007 12:30 *ASDEX Upgrade Seminar*

**T. Parisot** (CEA Cadarache)

***Z dependence of impurity transport in Tore Supra plasmas***

18.7.2007 14:00 *Wendelstein-Seminar*

**Prof. K. Bartschat** (Drake University, Iowa)

***High-Precision Cross Sections for Low-Energy Electron-Atom Collisions: Critical Ingredients for Modeling Plasmas, Lasers, Stars, and the Atmosphere***

13.7.2007 9:00 *IPP Institutskolloquium*

**Prof. Dr. Jürgen Nührenberg** (IPP)

***Theorie zu Stellaratoren 1997 - 2007***

12.7.2007 15:45 Wendelstein-Seminar

**Henri Greuner**

***Performance of the actively cooled W7-X target elements - results and conclusions of the HHF tests in GLADIS (Vortrag in deutsch)***

11.7.2007 14:00 W7X Software Seminar

**A. Werner**

***Software Forum: Programming in C++***

11.7.2007 12:15 ASDEX Upgrade Seminar

**H. Reimerdes** (Columbia University)

***Resistive wall mode stabilization in slowly rotating high beta DIII-D plasmas***

29.6.2007 12:45 ASDEX Upgrade Seminar

**Y. Nagashima** (Kyushu University, Japan)

***In search of zonal flows by using direct density fluctuation measurements***

29.6.2007 12:15 ASDEX Upgrade Seminar

**R. Neu**

***Plasma Wall Interaction and its implications in an all W divertor tokamak - EPS rehearsal***

29.6.2007 10:00 ASDEX Upgrade Seminar

***EPS Rehearsal - Poster 5***

29.6.2007 9:00 ASDEX Upgrade Seminar

**H. Zohm**

***Control of MHD Instabilities by ECCD on ASDEX Upgrade in view of ITER Application - (EPS Rehearsal)***

28.6.2007 12:30 Tokamakphysik Kaffeeseminar

**Tobias Görler**

***Gyrokinetic two-scale simulations of ITG/TEM and ETG turbulence***

27.6.2007 15:00 ASDEX Upgrade Seminar

***EPS-Rehearsal - Poster 4***

27.6.2007 14:00 W7X Software Seminar

**A. Werner**

***Software Forum: GUI development with QT***

27.6.2007 12:15 ASDEX Upgrade Seminar

***EPS Rehearsal - Oral 2***

27.6.2007 10:00 ASDEX Upgrade Seminar

***EPS Rehearsal - Poster 2***

26.6.2007 16:00 ASDEX Upgrade Seminar

**M. Reich**

***Particle loss signatures during sawtooth events at JET - (EPS Rehearsal)***

25.6.2007 12:30 ASDEX Upgrade Seminar

***EPS Rehearsal - Poster 1***

20.6.2007 13:00 Tokamakphysik Kaffeeseminar

**Prof. J.V. Shebalin** (NASA Johnson Space Center)

***Broken symmetries and magnetic dynamos***

19.6.2007 13:30 Wendelstein-Seminar

**Yuriy Podoba**

***Microwave heating at WEGA (title prelim.)***

19.6.2007 12:15 Vortrag

**R. Neu**

***FB Vortrag: First experiments with a full W-wall tokamak***

14.6.2007 11:00 Bereichsseminar Materialforschung

**Prof. Ivi Smid** (Engineering Science and Mechanics, Penn State)

***MMCs from Particulate Composites - processing, characterization, modeling***

[\*Slides\*](#)

13.6.2007 12:15 ASDEX Upgrade Seminar

**H. Zohm**

***Recent ASDEX Upgrade Results***

13.6.2007 11:00 Bereichsseminar Materialforschung

**Michael Smirnow** (IPP Garching)

***W7-X Targetelements: visual inspection with scanner - GLADIS vakuum lock***

4.6.2007 12:30 ASDEX Upgrade Seminar

**L.K. Pankaj** (Institute for Plasma Research, Bhat, India)

***Power Supply System for Auxiliary RF Heating Systems of SST-1***

1.6.2007 12:15 ASDEX Upgrade Seminar

***Rehearsal for the 4th IAEA Technical Meeting on ECRH Physics and Technology for ITER***

31.5.2007 11:00 Bereichsseminar Materialforschung

**Mandy Baudach** (Arbeitsgruppe Plasmaphysik, HU Berlin)

***Untersuchungen von Kohlenwasserstoffen im PSI-II***

[Slides](#)

30.5.2007 15:45 ASDEX Upgrade Seminar

***Rehearsals for the 6th IAEA TM on Control, Data Acquisition and Remote Participation***

30.5.2007 14:30 Core Physics Forum

**Laure Vermare**

***Beta scaling experiments in DIII-D***

30.5.2007 14:00 W7X Software Seminar

**Marc Lewerentz**

***LabView VIs for W7-X TTE***

[Slides](#)

30.5.2007 12:15 ASDEX Upgrade Seminar

**K. Lackner and L. Horton**

***Reports from the ITPA divertor, SOL and pedestal physics topical group meetings***

23.5.2007 15:30 Edge Physics Forum

**Matthias Reich & Elisabeth Wolfrum**

**Matthias Reich:**

***"L-H transition with constant input power and density"***

**Elisabeth Wolfrum:**

***"B2.5 modelling of the L-mode and H-mode phases in #21181"***

[Slides](#)

23.5.2007 14:00 W7X Software Seminar

**A. Werner**

***Software Forum 3: GUI development with QT (contd)***

23.5.2007 12:15 ASDEX Upgrade Seminar

**C. Angioni and F. Ryter**

***Report from the ITPA meetings on particle transport and the database and modelling group***

23.5.2007 10:00 ASDEX Upgrade Seminar

**A.C.C. Sips**

***Physics studies for Steady State Operation coordinated by the ITPA***

[Slides](#)

22.5.2007 13:30 Wendelstein-Seminar

**Prof. Ya. I. Kolesnichenko** (Institute for Nuclear Research, Science and Technology Centre in Ukraine, Kiev, Ukraine)

***Low Frequency Alfvénic Activity in WENDELSTEIN Stellarators and Stochastic Diffusion in Optimised Stellarators***

16.5.2007 14:00 W7X Software Seminar

**Gero Wedemann** (Fachhochschule Stralsund)

***Computation and simulation of structures in the nucleus of the cell using Monte Carlo protocols - the impact of software engineering on computational physics***

[Slides](#)

15.5.2007 12:30 Tokamakphysik Kaffeeseminar

**Prof. Harold Weitzner** (Courant Institute NYU)

***A gyrokinetic-like model applicable in thin plasma layers with large gradients***

14.5.2007 12:30 Core Physics Forum

**Costanza Maggi**

***Report on experiments at DIII-D: role of pedestal in hybrid scenario (AUG/DIII-D comparison)***

11.5.2007 9:00 IPP Institutskolloquium

**Dr. Stanley M. Kaye** (NSTX Physics Analysis Division, PPPL)

***Physics Results from the National Spherical Torus Experiment***

9.5.2007 14:00 W7X Software Seminar

**A. Werner**

***Software Forum 2: GUI development with QT***

4.5.2007 9:00 IPP Institutskolloquium

**Prof. Dr. Heike Rauer** (Institut für Planetenforschung, DLR)

***Extrasolar Planets***

[Slides](#)

3.5.2007 12:15 ASDEX Upgrade Seminar

**A. Manini**

***Increasing NTM Stabilization Efficiency Using Modulated ECCD in ASDEX Upgrade***

3.5.2007 11:00 Bereichsseminar Materialforschung

***no seminar because of Ringberg meeting***

3.5.2007 10:00 ASDEX Upgrade Seminar

***Poster Session - Topical Conference on Radio Frequency Power in Plasmas***

2.5.2007 14:00 W7X Software Seminar

**A. Werner**

***Software Forum 1***

27.4.2007 16:00 IPP Institutskolloquium

***The role of ASDEX Upgrade on the way to ITER***

27.4.2007 12:15 ASDEX Upgrade Seminar

**M. Mantsinen** (Helsinki University of Technology, Association Euratom-Tekes)

***Modification of sawtooth oscillations with ICRF waves in the JET tokamak***

26.4.2007 12:15 ASDEX Upgrade Seminar

***Dry Runs - Reflectometry Workshop - Part 2***

26.4.2007 11:30 Bereichsseminar Materialforschung

**Dieter Sporn** (Fraunhofer-Institut für Silicatforschung ISC)

***Entwicklung sauerstoffarmer, preiswerter SiC-Fasern und deren Beschichtung***

26.4.2007 11:00 Bereichsseminar Materialforschung

**Dr. Friedrich Raether** (Fraunhofer-Institut für Silicatforschung ISC)

***Thermooptische Messverfahren und deren Anwendung zur Charakterisierung und Prozessoptimierung keramischer Wärmesenken***

25.4.2007 14:30 Core Physics Forum

**Asher Flaws**

***The role of MHD instabilities in ASDEX Upgrade improved H-modes***

25.4.2007 12:15 ASDEX Upgrade Seminar

**Dry Runs - Reflectometry Workshop - Part 1**

24.4.2007 10:30 Bereichsseminar Materialforschung

**Christoph Adelhelm** (IPP Garching)

***Influence of metal-doping and annealing on the Raman spectra of amorphous carbon films***

23.4.2007 12:30 Core Physics Forum

**George Sips**

***Studies in JET of the ITER ramp-up scenario***

20.4.2007 9:00 IPP Institutskolloquium

**Dr. Thomas Scheibel** (Lehrstuhl Biotechnologie, TUM)

***Spinnenseide als Grundlage für neue Materialien***

[Slides](#)

19.4.2007 15:30 Edge Physics Forum

**Dr. Jiri Adamek** (Institute of Plasma Physics, Euratom Association, Academy of Sciences of the Czech Republic)

***Fast measurements of the plasma potential and the electron temperature and estimation of the diffusion coefficient by using the Ball-pen probe***

19.4.2007 11:00 Bereichsseminar Materialforschung

**Peter Worbs / Aurelia Herrmann** (IPP Garching)

***Present status of PhD work***

[Slides \(Worbs TiCx-Interlayers%20for%20Brazing%20CFC%20to%20Copper.pdf\)](#)

[Slides \(Herrmann tungsten-fibres.pdf\)](#)

18.4.2007 15:30 Edge Physics Forum

**Roberto Pugno**

***Heat transients and deuterium retention in graphite samples exposed to beryllium-seeded plasma in PISCES-B***

[Slides](#)

18.4.2007 12:15 ASDEX Upgrade Seminar

**A. Parisot** (MIT-PFSC)

***Mode Conversion Current Drive experiments on Alcator C-Mod***

17.4.2007 13:30 Wendelstein-Seminar

**M. Endler, J. Kisslinger**

***In-situ test of coil geometry from mutual inductances***

17.4.2007 13:00 *Edge Physics Forum*

**Peter Lang**

***Investigation of pellet triggered MHD events***

12.4.2007 11:00 *Bereichsseminar Materialforschung*

**Denis Levchuk** (IPP Garching)

***Tritium permeation barriers***

[Slides](#)

29.3.2007 11:00 *W7X Software Seminar*

**K. Desinger**

***E-Mail, Viren et Cie.***

29.3.2007 11:00 *Bereichsseminar Materialforschung*

**Dr. Matej Mayer** (IPP Garching)

***Deuterium Inventory in ASDEX Upgrade***

[Slides](#)

28.3.2007 15:00 *W7X Software Seminar*

**Horacio Fernandes** (IST, Portugal)

***The IST approach to steady-state fusion devices CODAC systems***

[Slides](#)

27.3.2007 10:30 *Oberflächen-Seminar MF*

**Susanne Köppl** (IPP Garching)

***Charakterisierung und Hochtemperaturoxidation von Wolfram-Legierungen***

23.3.2007 9:00 *IPP Institutskolloquium*

**Prof. Gottlieb S. Oehrlein** (Materials Science and Engineering and Institute for Research in Electronics and Applied Physics University of Maryland, College Park, MD 20742-2115)

***Plasma Processing of Nanostructures and Nanomaterials***

22.3.2007 15:30 *Edge Physics Forum*

**Ghassan Y. Antar**

***On the behaviour of turbulence in H-mode when compared to L-mode on ASDEX Upgrade***

22.3.2007 11:00 *Bereichsseminar Materialforschung*

**Dr. Satoru Higashijima** (JT-60SA Design Integration Group Division of Advanced Plasma Research Fusion Research and Development Directorate )

***JT-60SA Project ~Focus on PFC Design***



21.3.2007 14:30 *Core Physics Forum*

**Valentin Igochine + Wolfgang Suttrop**

***Overview of SXR diagnostic upgrades for the 2007 experimental campaign + Report from "Stochasticity in Fusion Plasmas", Juelich, 5-7 March 2007***

14.3.2007 13:30 *Wendelstein-Seminar*

**A. Werner**

***Einschluß überthermischer Ionen in Fusionsplasmen right after that Poster presentation for the DPG-conference (19.3.-23.3.) at IPP entrance hall***

14.3.2007 12:15 *ASDEX Upgrade Seminar*

***DPG Conference Dry Runs***

13.3.2007 13:30 *Wendelstein-Seminar*

**Minyou Ye**

***Thermal Calculations of In-vessel Components***

12.3.2007 9:00 *W7X Software Seminar*

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Spezifikation von Physik-Szenarien mit dem ConfiX-Editor***

[Slides](#)

8.3.2007 12:30 *Tokamakphysik Kaffeeseminar*

**Bruce Scott**

***Edge Turbulence Transport Scaling: Comparison with Transport Models***

8.3.2007 11:00 *Bereichsseminar Materialforschung*

**Dr. Jarir Aktaa** (Institut für Materialforschung II, Forschungszentrum Karlsruhe)

***Werkstoffmechanik für die Kernfusion: Experimente und Modellierung***

6.3.2007 13:30 *Wendelstein-Seminar*

**A. Sengupta**

***Function Parametrization for W7-X Equilibria***

1.3.2007 11:00 *Bereichsseminar Materialforschung*

**Prof. Dr. K. Behringer** (IPP Garching)

***Spektroskopische Diagnostik eines gepulsten Bogens zur Partikelsynthese***

[Slides](#)

28.2.2007 14:30 *Core Physics Forum*

**Dmitriy Yadikin**

***Feedback control of resistive wall modes in EXTRAP T2R reversed field pinch and plans for ASDEX Upgrade***

28.2.2007 14:00 W7X Software Seminar

**Georg Michel** (Max-Planck-Institut für Plasmaphysik)

***Immortal Embedded Systems***

[Slides](#)

27.2.2007 13:30 Wendelstein-Seminar

**Y. Feng**

***Divertor Experiments and Divertor Modelling Activities at LHD***

26.2.2007 10:30 W7X Software Seminar

**A. Krüger** (FH Stralsund)

***DocSys - Bachelor Colloquium***

[Slides](#)

23.2.2007 10:30 Wendelstein-Seminar

**Marcin Jakubowski** (FZJ)

***The role of stochastic and laminar field lines on target structures***

23.2.2007 9:00 IPP Institutskolloquium

**Prof. Dr. Klaus Kroy** (Institut für Theoretische Physik, Universität Leipzig)

***Physik der Wanderdünen***

[Slides](#)

22.2.2007 11:00 Wendelstein-Seminar

**Ch. Fuchs**

***Bolometer Tomography at AUG***

19.2.2007 11:00 Bereichsseminar Materialforschung

**Jörg Riccius** (Institut für Raumfahrtantriebe, Deutsches Zentrum für Luft- und Raumfahrt)

***Konzeption und Aufbau eines Prüfstands zur realitätsnahen Erfassung thermomechanischer Ermüdungsprozesse in Heissgaswänden***

[Slides](#)

15.2.2007 14:30 Core Physics Forum

**Wolfgang Suttrop**

***Overview and status of proposal for active in-vessel coils and resistive wall in ASDEX Upgrade***

9.2.2007 9:00 *IPP Institutskolloquium*

**Dr. Piero Rosati** (ESO)

***Structure Formation and Cosmology with X-ray Clusters***

[Slides](#)

8.2.2007 14:00 *Edge Physics Forum*

***Working group meeting "Pellet pacing: a scaling approach towards ITER"***

7.2.2007 14:00 *W7X Software Seminar*

**A. Krämer-Flecken**

***The electronic log-book at TEXTOR***

[Slides](#)

6.2.2007 13:30 *Wendelstein-Seminar*

**A. Krämer-Flecken** (FZJ)

***Reflectometry Measurements at TEXTOR***

1.2.2007 11:00 *Bereichsseminar Materialforschung*

**A. Kirschner** (Forschungszentrum Jülich)

***Modelling of carbon transport in the edge plasma of fusion experiments***

[Slides](#)

31.1.2007 14:30 *Core Physics Forum*

**Jasmine Schirmer**

***Rotation frequencies of MHD modes in ASDEX Upgrade***

30.1.2007 13:30 *Wendelstein-Seminar*

**D. Zhang**

***Interpretation and Explanation of the Bolometry Results at the WEGA Stellarator***

30.1.2007 10:00 *Vortrag*

**Prof. Luca Biferale** (Universität Rom "Tor Vergata")

***Inertial particles and Fluid Tracers in Turbulent Flows***

24.1.2007 15:30 *Edge Physics Forum*

**A. Kallenbach**

***Divertor data consistency checked by simple models in ASDEX Upgrade***

[Slides](#)

24.1.2007 12:15 ASDEX Upgrade Seminar

**E. Wolfrum**

***A Lithium Beam Banquet***

[Slides](#)

23.1.2007 13:30 Wendelstein-Seminar

**S. Marsen**

***Three-dimensional Structure of Turbulence in WEGA***

23.1.2007 10:30 Oberflächen-Seminar MF

**Klaus Schmid** (IPP Garching)

***Be deposition and re-erosion in the ITER divertor***

22.1.2007 12:30 ASDEX Upgrade Seminar

**J. Schirmer**

***Doppler Reflectometry for Measurements of Radial Correlation Lengths of the Turbulence: A Simulation Study***

[Slides](#)

18.1.2007 11:00 Bereichsseminar Materialforschung

**Henri Greuner** (IPP Garching)

***Recent & future testing in the GLADIS high heat flux test facility***

17.1.2007 12:15 ASDEX Upgrade Seminar

**G. O'Neill** (University of Washington)

***Helicity Injection Current Drive Studies in the HIT Program***

[Slides](#)

16.1.2007 10:30 Oberflächen-Seminar MF

**Christoph Adelhelm** (IPP, Garching)

***Raman study of amorphous carbon films: the influence of metal doping and annealing on the carbon structure***

11.1.2007 12:30 Tokamakphysik Kaffeeseminar

**H. Siddiqui** (Gov. Coll. Univ. Lahore)

***Effects of trapping on vortices in plasma***

10.1.2007 12:15 ASDEX Upgrade Seminar

**E. Strumberger**

***Fast Particle Losses Caused by NTMs and Toroidal Field Ripple***

[Slides](#)

10.1.2007 8:30 *Edge Physics Forum*

**A. Kallenbach**

***Arbeitskreis zu SOL-Abfallaengen und Wandbelastung in ITER***

18.12.2006 12:15 *ASDEX Upgrade Seminar*

**S. Assas**

***Toroidal plasma rotation with minimal momentum input***

[Slides](#)

15.12.2006 9:00 *IPP Institutskolloquium*

**Dr. Mervi Mantsinen** (Association Euratom-Tekes, Helsinki University of Technology, Finland)

***ICRF waves in tokamaks: Capabilities beyond pure heating***

[Slides](#)

14.12.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Bruce Scott**

***Correspondence between the gyrofluid and the low frequency Braginskii equations***

14.12.2006 10:00 *W7X Software Seminar*

**R. Fischer/R. Preuss**

***Tutorial on Bayesian Probability Theory: Introduction and Applications***

[Slides](#)

13.12.2006 12:15 *ASDEX Upgrade Seminar*

**R. Maggiora** (Politecnico di Torino)

***The analysis of antenna structures using TOPICA***

[Slides](#)

13.12.2006 10:00 *W7X Software Seminar*

**R. Fischer/R. Preuss**

***Tutorial on Bayesian Probability Theory: Introduction and Applications***

[Slides](#)

12.12.2006 15:30 *Edge Physics Forum*

**Dr. Alexander Kendl** (University of Innsbruck, Austria)

***2D modelling and 3D simulation of ELMs with turbulence codes***

[Slides](#)

12.12.2006 13:30 *Wendelstein-Seminar*

**A. Weller**

***Bericht vom 14th European Fusion Physics Workshop: "Computational Plasma Physics for ITER and Beyond" - an experimentalists view***

12.12.2006 12:30 *Tokamakphysik Kaffeeseминаr*

**Yasutaro Nishimura** (UC Irvine)

***Shear Alfvén wave studies in electromagnetic global gyrokinetic simulation of tokamak plasmas***

12.12.2006 10:00 *W7X Software Seminar*

**R. Fischer/R. Preuss**

***Tutorial on Bayesian Probability Theory: Introduction and Applications***

[Slides](#)

11.12.2006 13:00 *Tokamakphysik Kaffeeseминаr*

**Sebastien Jolliet** (CRPP Lausanne)

***A global collisionless PIC code in magnetic coordinates***

11.12.2006 12:15 *ASDEX Upgrade Seminar*

**D. Andruczyk** (University of Sidney - Australian National University - IPP Greifswald)

***Development of a short pulsed helium beam and its application on H-1 as a Te diagnostic.***

[Slides](#)

11.12.2006 10:00 *W7X Software Seminar*

**R. Fischer/R. Preuss**

***Tutorial on Bayesian Probability Theory: Introduction and Applications***

[Slides](#)

8.12.2006 9:00 *IPP Institutskolloquium*

**Prof. Dr. Joachim Peinke** (Lehrstuhl Hydrodynamik und Windenergie, Institut für Physik, Carl von Ossietzky Universität Oldenburg)

***Turbulenz und die Möglichkeiten einer stochastischen Beschreibung***

[Slides](#)

7.12.2006 12:30 *Tokamakphysik Kaffeeseминаr*

**Mattia Siccino** (University of Torino)

***Two-Dimensional Resistive Magnetic Reconnection in Anisotropic Plasmas***

7.12.2006 12:15 ASDEX Upgrade Seminar

**Task Force Leaders**

**ASDEX Upgrade Programme 2007**

6.12.2006 15:30 Edge Physics Forum

**Jelena Butikova** (Institute of Solid State Physics, Riga, Latvia)

**Laser Induced Breakdown Spectroscopy**

[Slides](#)

6.12.2006 10:30 Oberflächen-Seminar MF

**Beata Tyburska** (IPP Garching)

**PALS**

5.12.2006 13:30 Wendelstein-Seminar

**J. Schacht**

**Experimentplanung mit der Segmentsteuerung - ein Beispiel**

1.12.2006 9:00 IPP Institutskolloquium

**Dr. Fritz Leuterer** (IPP)

**Von Laborexperimenten mit Plasmawellen zur Hochfrequenzheizung von Fusionsplasmen**

[Slides](#)

30.11.2006 11:00 Bereichsseminar Materialforschung

**Wahib Saikaly** (Faculté des Sciences et Techniques de Saint-Jérôme, Marseille )

**New horizons for TEM investigations in Materials Science thanks to the Focused Ion Beam**

30.11.2006 11:00 Wendelstein-Seminar

**A. Weller**

**Tagungsberichte: 1) NCSX Program Advisory Committee Meeting 2) US-Jap. Workshop**

**Confinement in Helical Systems**

29.11.2006 12:15 ASDEX Upgrade Seminar

**Y. Camenen** (CRPP-Lausanne)

**Electron heat transport studies in TCV**

[Slides](#)

28.11.2006 13:30 Wendelstein-Seminar

**M Hirsch et al.** (Kick-off meeting on Polarimetry for W7-X the cooperation between Academia Morska (Szczecin), the Szczecin University of Technology and IPP)

**13:30 Introduction to W7, its diagnostics and the Interfero-Polarimetry, M. Hirsch, R. König**

*(IPP) / 14:30 The Quasi Isotropic Approximation, its relation to the Stokes formalism and its applicability to Polarimetry in W7X geometry, B. Bieg (Academia Morska, Szczecin) / Complex Geometrical Optics and its use to study diffractive effects in Interferometry and Polarimetry, P. Berczynski (Technical University of Szczecin)*

28.11.2006 10:30 Oberflächen-Seminar MF

**Nicolas Bernier** (Laboratoire TECSSEN, UMR6122, Université Paul Cézanne-Aix Marseille III. Faculté des Sciences. 13397 Marseille CEDEX 20, France. )

*A quantification study of the  $sp^2/sp^3$  ratio from carbon-based materials by EELS*

27.11.2006 12:30 Tokamakphysik Kaffeeseminar

**Paraskevas Lalousis**

*Two(plus one)-Dimensional Simulation of Pellet Cloud Evolution in the Poloidal Plane*

23.11.2006 15:30 Edge Physics Forum

**A.V.Chankin & D.P.Coster**

*Experimental vs. Simulated Er in the SOL: Indication of Non-Local Kinetic Electron Transport ?*

[Slides](#)

23.11.2006 11:00 Bereichsseminar Materialforschung

**Klaus Schmid** (IPP Garching)

*Be deposition on W in ITER, a modelling approach*

[Slides](#)

22.11.2006 14:00 W7X Software Seminar

**H. Thomsen** (IPP Greifswald)

*Forward calculations for tomography - past, present and future*

[Slides](#)

21.11.2006 13:30 Wendelstein-Seminar

**R. Haange**

*Reduction in Number of Load Cycles for Coils and the Implications for the Operational Phase of W7-X*

17.11.2006 9:00 IPP Institutskolloquium

**Dr. Bert Ellingboe** (Plasma Research Lab, School of Physical Sciences, Dublin City University, Ireland)

*What does industry really want in a new plasma source?*

[Slides](#)



16.11.2006 11:00 *Bereichsseminar Materialforschung*

**Matej Mayer** (IPP Garching)

***Material Erosion and Transport in the ASDEX Upgrade Divertor***

[Slides](#)

15.11.2006 14:00 *W7X Software Seminar*

**C. Hennig/T. Bluhm**

***SVN @ validator***

[Slides](#)

10.11.2006 9:00 *IPP Institutskolloquium*

**Dr. Craig D. Beidler** (IPP)

***Relevance of Neoclassical Theory to the W7-X Experimental Program***

[Slides](#)

9.11.2006 15:30 *Edge Physics Forum*

**Ghassan Y. Antar** (University of California, San Diego, USA)

***The spatio-temporal dynamics of ELMs investigated on DIII-D and MAST***

9.11.2006 11:00 *Bereichsseminar Materialforschung*

**Steffen Beyer** (ASTRIUM SPACE TRANSPORTATION)

***Einsatz von Faserverbundkeramiken für Raumfahrtantriebe und industrielle Anwendungen***

8.11.2006 14:00 *W7X Software Seminar*

**K. Näckel, A. Dinklage**

***Matlab Installation and First Steps***

[Slides](#)

3.11.2006 9:00 *IPP Institutskolloquium*

**Prof. Dr. Manuel Torrilhon** (ETH Zürich)

***Accurate and Stable Continuum Equations for Non-Thermal Gas Flows***

[Slides](#)

2.11.2006 11:00 *Wendelstein-Seminar*

**Y. Turkin**

***Predictive transport simulations for W7-X***

31.10.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Nicolla Bertelli** (University of Pavia, currently at IPP)

***Electron Cyclotron Absorption in High-temperature Plasmas: Quasi-exact Analytical Evaluation and Comparative Numerical Analysis***

27.10.2006 9:00 IPP Institutskolloquium

**Dr. Hans Maier** (IPP)

***Tungsten Coatings for Fusion Applications***

[Slides](#)

19.10.2006 11:00 Bereichsseminar Materialforschung

**Prof. Dr.-Ing. Walter Krenkel** (Lehrstuhl Keramische Werkstoffe, Universität Bayreuth)

***Faserverbundkeramiken - Werkstoffe für den strukturellen Hochtemperatureinsatz***

[Slides](#)

13.10.2006 12:15 ASDEX Upgrade Seminar

***Conference Dry Runs - Oral 5***

12.10.2006 14:30 Edge Physics Forum

**Peter Lang**

***Discussion of AUG pellet injection***

12.10.2006 12:15 ASDEX Upgrade Seminar

**V. Bobkov and L. Colas**

***Progress in understanding ICRF antenna near-fields at ASDEX Upgrade + Topology of wave interaction with plasma edge***

12.10.2006 11:00 Bereichsseminar Materialforschung

***no talk because of PFMC workshop***

11.10.2006 15:30 ASDEX Upgrade Seminar

***Conference Dry Runs - Poster 4***

11.10.2006 12:15 ASDEX Upgrade Seminar

**G. Kocsis**

***Spatio-temporal investigations on the triggering of pellet induced ELM***

11.10.2006 10:00 ASDEX Upgrade Seminar

***Conference Dry Runs - Oral 4***

9.10.2006 13:00 *Wendelstein-Seminar*

**Jürgen Rapp** (FZ Jülich)

***ITER relevant integrated scenarios at JET: The radiative type-III ELMy H-mode and perspectives with the new Mk-IIHD divertor***

9.10.2006 11:00 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Oral 3***

9.10.2006 10:00 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Poster 3***

6.10.2006 14:00 *Edge Physics Forum*

**Thomas Schwarz-Selinger**

***Nitrogen Puffing into the Divertor: Results from Laboratory Experiments with N<sub>2</sub>/H<sub>2</sub> and N<sub>2</sub>/CH<sub>4</sub> Discharges***

6.10.2006 12:15 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Oral 2a***

5.10.2006 12:15 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Oral 2***

5.10.2006 10:00 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Poster 2***

4.10.2006 12:15 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Oral 1***

4.10.2006 10:00 *ASDEX Upgrade Seminar*

***Conference Dry Runs - Poster 1***

4.10.2006 10:00 *Oberflächen-Seminar MF*

**Almut Wiltner, Matthias Reinelt** (IPP, Garching)

***Structural investigation of the binary Be-W intermetallic system (Almut Wiltner)- Hydrogen Retention in Clean Beryllium (Matthias Reinelt)***

28.9.2006 15:30 *Edge Physics Forum*

**Charles Skinner** (Princeton Plasma Physics Laboratory, USA)

***Recent Results on Dust Detection and Dynamic Retention in NSTX***

28.9.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. Th. Zecho** (Universität Bayreuth)

***Chemical reactions of thermal hydrogen atoms with graphite surfaces***

27.9.2006 14:00 *W7X Software Seminar*

**G. Kühner**

***UML Working Seminar VII***

26.9.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Hans-Joachim Klingshirn** (TUM)

***Zur Numerik der Level Set-Methode für ein Flammenmodell***

22.9.2006 9:00 *IPP Institutskolloquium*

**Dr. Erika Strumberger** (IPP)

***The three-dimensional tokamak: Lessons from the stellarator***

[Slides](#)

21.9.2006 11:00 *Bereichsseminar Materialforschung*

**U. von Toussaint / A. Hohaus** (IPP Garching)

***Wissenschaftliche Veröffentlichungen und Open Access***

[Slides](#)

19.9.2006 15:15 *Wendelstein-Seminar*

**Prof. V. Dose**

***Exponential Splines***

18.9.2006 15:30 *Edge Physics Forum*

**Dr. Hisato Kawashima** (JAEA, Japan)

***Present status of SOLPS/Divertor simulation study in JT-60U by B2.5-EIRENE (SOLPS5.0) code***

14.9.2006 14:00 *Bereichsseminar Materialforschung*

**Dr. Yoshinori Koga** (Research Center for Advanced Carbon Materials, National Institute of Advanced Industrial Science and Technology/AIST, Japan)

***Current Activity in Research Center for Advanced Carbon Materials***

14.9.2006 11:00 *Bereichsseminar Materialforschung*

**A. Brendel** (IPP Garching)

## ***Materials in Fusion Devices***

13.9.2006 12:15 ASDEX Upgrade Seminar

**D. Wagner**

***Commissioning of the new Multi-Frequency ECRH System for ASDEX Upgrade***

12.9.2006 15:00 ASDEX Upgrade Seminar

**M. Kaufmann**

***Tungsten as First Wall Material in Fusion Devices***

12.9.2006 14:00 W7X Software Seminar

**R. Mümmler** (Mathworks Inc.)

***Matlab Produktpräsentation***

[Slides](#)

6.9.2006 15:30 Wendelstein-Seminar

**H. Wobig**

***Stellarator Reactor Studies (3) - ... beside the HELIAS: Other stellarator reactors***

6.9.2006 15:30 ASDEX Upgrade Seminar

**H. Wobig**

***Stellarator Reactor Studies - Part 3***

***Other stellarator reactor studies***

[Slides](#)

6.9.2006 12:15 ASDEX Upgrade Seminar

**V. Igoshine**

***Stochastic Sawtooth Reconnection in ASDEX Upgrade***

[Slides](#)

6.9.2006 10:00 ASDEX Upgrade Seminar

***SOFT Dry Run - Poster Session***

5.9.2006 15:30 Wendelstein-Seminar

**H. Wobig**

***Stellarator Reactor Studies (2)- HELIAS studies - the W7-X reactor***

5.9.2006 15:30 ASDEX Upgrade Seminar

**H. Wobig**

***Stellarator Reactor Studies - Part 2***

***HELIAS - the W7-X reactor***

[Slides](#)

5.9.2006 10:30 *Oberflächen-Seminar MF*

**Thomas Köck** (IPP Garching)

***Interface-Optimierung an SiC-faserverstärktem Kupfer***

4.9.2006 15:30 *ASDEX Upgrade Seminar*

**H. Wobig**

***Stellarator Reactor Studies - Part 1***

***How to design a Fusion reactor?***

[Slides](#)

4.9.2006 15:30 *Wendelstein-Seminar*

**H. Wobig**

***Stellarator Reactor Studies (1) - How to design a Fusion reactor ?***

30.8.2006 12:15 *ASDEX Upgrade Seminar*

***EU-US Transport Task Force Workshop Rehearsal***

29.8.2006 15:30 *Edge Physics Forum*

**Dr. Ram Prakash** (Birla Institute of Technology, Extension Centre Jaipur, India)

***Spectroscopic Divertor Characterisation and Impurity Influx Measurements in ASDEX Upgrade***

29.8.2006 10:30 *Oberflächen-Seminar MF*

**Irina Komarova** (IPP Garching)

***Probabilistic failure analysis of tungsten based plasma facing components***

7.8.2006 12:15 *ASDEX Upgrade Seminar*

**F. Stobbe**

***Energiezentralen EZ 2, 3 und 4: Generator-Grenzleistungen, Betrieb und Instandhaltung***

[Slides](#)

3.8.2006 11:00 *Bereichsseminar Materialforschung*

**K. Moshkunov** (Moscow Engineering Physical Institute)

***Interaction of low-energy hydrogen ions with tungsten***

31.7.2006 14:00 *ASDEX Upgrade Seminar*

**M. Reich**

***Lost particle detection with scintillator probes at ASDEX Upgrade and JET***

[Slides](#)

28.7.2006 10:00 ASDEX Upgrade Seminar

**L. Fattorini** (Centro de Fusão Nuclear, Portugal)

***High temporal and spatial resolution reflectometry investigations applied to ELMs induced edge barrier collapse***

[Slides](#)

27.7.2006 12:15 ASDEX Upgrade Seminar

**E. Belonohy** (KFKI, Budapest)

***High Field Side Pellet Database and Scaling Studies -  
An Application for the Statistical Methods in Plasma Physics***

27.7.2006 11:00 Bereichsseminar Materialforschung

**Dr. Verena Grill** (Universität Innsbruck)

***Ion surface collisions of small hydrocarbons***

[Slides](#)

25.7.2006 14:00 ASDEX Upgrade Seminar

**A. Scarabosio** (CRPP, Lausanne)

***Toroidal Plasma Rotation and Momentum Transport in the TCV tokamak***

25.7.2006 12:30 Tokamakphysik Kaffeeseminar

**Prof. H. Berk** (IFS, U Texas, Austin)

***Chirping by Phase Space Structures in Plasmas***

25.7.2006 10:00 ASDEX Upgrade Seminar

**Jong-Gu Kwak** (KAERI, Korea)

***Present status of KSTAR with emphasis on its heating systems***

24.7.2006 12:15 ASDEX Upgrade Seminar

**A. Lysoivan** (Ecole Royale Militaire, Brussels)

***Wall Conditioning with RF***

20.7.2006 11:00 Bereichsseminar Materialforschung

**Dr. Christian Sattler** (Deutsches Zentrum für Luft- und Raumfahrt e.V. Solare Stoffumwandlung)

***Solare Wasserstoffherzeugung - Aktuelle Arbeiten in der Solarforschung des DLR***

[Slides](#)

19.7.2006 14:00 ASDEX Upgrade Seminar

**K. Klaster**

***Drei Jahrzehnte Hochspannungsversorgung im IPP***

19.7.2006 14:00 W7X Software Seminar

**Georg Kühner**

***UML VI - Working Seminar - ISPDB Class Diagram***

18.7.2006 12:30 Tokamakphysik Kaffeeseminar

**Roman Hatzky**

***Domain Cloning - A new approach to parallelization of particle-in-cell (PIC) codes***

17.7.2006 12:15 ASDEX Upgrade Seminar

**I. Goldstein**

***Schutz- und Verriegelungssysteme der neuen Energiezentrale (EZ5)***

[Slides](#)

14.7.2006 10:00 W7X Software Seminar

**Georg Kühner**

***UML V - Working Seminar***

14.7.2006 9:00 IPP Institutskolloquium

**Dr. Rene Raffray** (University of California, San Diego)

***ARIES-CS Compact Stellarator Power Plant Study: Engineering Design and Challenges***

[Slides](#)

12.7.2006 14:00 ASDEX Upgrade Seminar

**A. Lazaros**

***A non-linear modell for the advantage of early ECCD in the suppression of NTMs with application to ASDEX Upgrade***

6.7.2006 11:00 Bereichsseminar Materialforschung

**Prof. Dr. Peter Zeppenfeld** (Institute of Experimental Physics Atomic Physics and Surface Science Johannes Kepler University Linz )

***Oberflächenanalytik und in-situ Wachstumsdiagnostik mittels Reflexions-Differenzspektroskopie (RDS)***

5.7.2006 14:00 W7X Software Seminar

**A. Himmeldorf** (Mathworks Inc.)

***MATLAB (Firmenpräsentation)***

5.7.2006 14:00 ASDEX Upgrade Seminar



**H.H. Nguyen**

***Erweiterungsmöglichkeit und Optimierung der Regelung für die Energieversorgung des Experiments AUG***

[Slides](#)

5.7.2006 12:15 ASDEX Upgrade Seminar

**O. Kardaun**

***Statistical Methods in Plasma Physics***

[Slides](#)

5.7.2006 10:00 Bereichsseminar Materialforschung

**Denis Levchuk** (IPP Garching)

***Tritium permeation barriers for fusion applications***

4.7.2006 11:00 Bereichsseminar Materialforschung

**Prof. Dr. M. Staat** (Fachhochschule Aachen)

***Bewertung von Sicherheit und Zuverlässigkeit passiver Komponenten mittels konvexer Optimierung und FEM***

3.7.2006 12:15 ASDEX Upgrade Seminar

**Ch. Jacob**

***Computersimulationen im Projekt CMES (EZ5)***

[Slides](#)

30.6.2006 10:30 Wendelstein-Seminar

**A. H. Reiman** (PPPL)

***Equilibrium Flux Surface Calculations for the W7AS and NCSX Stellarators***

29.6.2006 13:00 Edge Physics Forum

**Dr. Ghassan Y. Antar** (University of California, San Diego, USA)

***On the properties and origin of intermittency in the SOL of magnetic confinement devices***

29.6.2006 11:15 Wendelstein-Seminar

**J. Lyon** (Oak Ridge National Laboratory (ORNL))

***The US compact stellarator program, QPS and the relationship to W7-X***

29.6.2006 11:00 Bereichsseminar Materialforschung

**Dr. Christian Linsmeier** (IPP Garching)

***Legierungsbildung im binären System Beryllium-Wolfram***

29.6.2006 10:00 Wendelstein-Seminar

**M. Zarnstorff** (PPPL)

***Progress in NCSX construction and plans for magnetic alignment of the coils***

29.6.2006 8:30 *Wendelstein-Seminar*

**R. Boivin** (General Atomics)

***Latest diagnostic developments for DIII-D***

23.6.2006 9:00 *IPP Institutskolloquium*

**Prof. Dr. Gunter Christ** (Universitätsklinikum Tübingen, Bereich Medizinische Physik)

***Die Entwicklung der perkutanen Strahlentherapie bis heute und deren Zukunft***

[Slides](#)

22.6.2006 12:15 *ASDEX Upgrade Seminar*

**H. Maier**

***Plasma-Wall-Interaction in ASDEX Upgrade***

20.6.2006 15:00 *Wendelstein-Seminar*

**O. Lischtschenko**

***Poloidal plasma rotation in WEGA***

20.6.2006 10:30 *Oberflächen-Seminar MF*

**Josselin de Metz** (IPP)

***Oxidation and erosion behaviour of tungsten-based alloys as plasma-facing material***

15.6.2006 11:00 *Bereichsseminar Materialforschung*

**No talk because of 'Fronleichnam' holiday**

14.6.2006 14:00 *W7X Software Seminar*

**Georg Kühner**

***UML IV - Working Seminar***

14.6.2006 12:15 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 3rd oral session***

14.6.2006 11:00 *Wendelstein-Seminar*

**A. K. Sen** (Columbia Univ. N. Y.)

***A new paradigm for plasma transport and zonal flows***

14.6.2006 9:00 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 4th poster session***

13.6.2006 15:15 *Wendelstein-Seminar*

**D. Naujoks**

***Transport and deposition of hydrocarbons in the plasma generator PSI-2***

13.6.2006 12:15 *ASDEX Upgrade Seminar*

***EPS Rehearsal, oral session 2a***

13.6.2006 10:30 *Oberflächen-Seminar MF*

**Matthias Reinelt** (IPP Garching)

***Hydrogen retention in clean beryllium***

13.6.2006 10:00 *ASDEX Upgrade Seminar*

***EPS rehearsal, oral session 2***

12.6.2006 15:00 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 3rd poster session***

12.6.2006 14:00 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 2nd poster session***

9.6.2006 12:15 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 1st oral session***

9.6.2006 10:00 *ASDEX Upgrade Seminar*

***EPS Rehearsal, 1st poster session***

8.6.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. Zdeněk Herman** (V. Čermák Laboratory, J. Heyrovský Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Prague)

***Collisions of slow hydrocarbon ions with room-temperature and heated carbon and tungsten surfaces***

[Slides](#)

7.6.2006 15:30 *Edge Physics Forum*

**Silvia Graça**

***Localization of MHD and fast particles modes in ASDEX Upgrade using reflectometry***

29.5.2006 12:30 ASDEX Upgrade Seminar

**H.K. Park** (Princeton Plasma Physics Laboratory)

***2-D Images of Electron Temperature Fluctuations and Comparative Study with Theoretical Models of the  $m/n=1/1$  mode in High Temperature Plasmas***

25.5.2006 11:00 Bereichsseminar Materialforschung

**No talk because of PSI conference**

23.5.2006 14:00 ASDEX Upgrade Seminar

**M. Rott**

***Spulen und Stromversorgung***

[Slides](#)

23.5.2006 10:30 Oberflächen-Seminar MF

**Thomas Köck** (IPP Garching)

***Interface reactions between SiC and interlayers in SiC/Cu metal-matrix composites (Probenvortrag für EMRS Konferenz in Nizza)***

22.5.2006 12:15 ASDEX Upgrade Seminar

**C.P. Käsemann**

***Hochstromanlagen L5E - Aufgaben und Entwicklung***

[Slides](#)

19.5.2006 9:00 IPP Institutskolloquium

**Prof. Dr. Winfried Petry** (FRMII und TUM, Garching )

***Brilliant neutrons in the immediate neighbourhood of the IPP, so what?***

18.5.2006 12:15 ASDEX Upgrade Seminar

**R. Neu**

***Implications of the W program for the ASDEX Upgrade experimental program 2007***

18.5.2006 11:00 Bereichsseminar Materialforschung

**No talk because of Extremat Meeting**

18.5.2006 10:30 Tokamakphysik Kaffeeseminar

**Silvio Gori**

***Neuronale Netze - Anwendung an der Soft-X-Ray-Diagnostik***

17.5.2006 14:00 W7X Software Seminar

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik)  
*UML III - Working Seminar*

17.5.2006 12:15 ASDEX Upgrade Seminar

*PSI rehearsal - orals*

17.5.2006 10:30 ASDEX Upgrade Seminar

*PSI rehearsal - 2nd poster session*

17.5.2006 8:30 ASDEX Upgrade Seminar

*PSI rehearsal - 1st poster session*

16.5.2006 15:15 Wendelstein-Seminar

**R. Preuss**

*Physical model testing for high-beta discharges in W7-AS*

15.5.2006 12:15 ASDEX Upgrade Seminar

**Alexander Sigalov**

*Erneuerungen in der Meßdatenerfassung und der Überwachung von  
Energieversorgungsanlagen für AUG*

[Slides](#)

15.5.2006 10:00 ASDEX Upgrade Seminar

**G. Sips**

*Experimentbetrieb an ASDEX Upgrade mit reduzierter Schwungradgenerator-Kapazität*

11.5.2006 11:00 Bereichsseminar Materialforschung

**Prof. Dr. Oliver Kraft** (Institut für Materialforschung II (IMF II)Forschungszentrum Karlsruhe und  
Institut für Zuverlässigkeit von Bauteilen und Systemen (IZBS) Universität Karlsruhe (TH))

*Mechanische Eigenschaften und Zuverlässigkeit von hoch belasteten Werkstoffen für die Fusion*

10.5.2006 15:30 Edge Physics Forum

**J. Santos**

*Application of neural networks to reflectometry density profile evaluation for plasma position  
and shape control purposes*

5.5.2006 9:00 IPP Institutskolloquium

**Dr. Magda Schiegl** (Versicherungskammer Bayern)

*Schadenversicherung, Bayes Theorie und Monte Carlo Simulation*

[Slides](#)

4.5.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. K. Krieger** (IPP Garching)

***Deuterium- und Kohlenstoffinventare an Seitenflächen von plasmabelasteten Komponenten***  
[Slides](#)

3.5.2006 15:30 *Wendelstein-Seminar*

**J. Schacht**

***W7-X Progress Report: Diagnostic Integration in the W7-X Control System***

3.5.2006 15:30 *ASDEX Upgrade Seminar*

**J. Schacht**

***W7-X Progress Report: Diagnostic Integration in the W7-X Control System***

3.5.2006 14:00 *Vortrag*

**Prof. Dr. H.Zohm**

***The Physics base for NTM stabilisation by ECCD in ITER (Rehearsal of the talk at EC-14)***

3.5.2006 13:15 *Vortrag*

**A.Manini**

***Optimisation of MHD Stability Using ECCD in Asdex Upgrade (Rehearsal of Invited Talk at EC-14)***

3.5.2006 10:00 *Bereichsseminar Materialforschung*

**Anna Golubeva** (IPP Garching)

***Deuterium ion-driven permeation through tungsten***  
[Slides](#)

3.5.2006 10:00 *Vortrag*

**Giannone L, Cupido L, Varelo P, Silva A, Santos J**

***Rehearsals of posters for HTPD 2006***

2.5.2006 10:30 *Oberflächen-Seminar MF*

**Peter Worbs** (IPP Garching)

***Mechanisms of reactive wetting***

28.4.2006 9:00 *IPP Institutskolloquium*

**Dr. Johanna Leissner** (Fraunhofer Institut für Silicatforschung, Würzburg )

***Die Erhaltung des europäischen Kulturerbes – eine Herausforderung für die Forschung***  
[Slides](#)

27.4.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. Martin Kern** (Eidgenössisches Institut für Schnee und Lawinenforschung, Davos)

***A brief history of avalanche dynamics***

26.4.2006 14:00 *ASDEX Upgrade Seminar*

**Tiziana Bertoncelli**

***AUG Passive Structure and Active Coil Modeling and Simulation***

[Slides](#)

26.4.2006 14:00 *W7X Software Seminar*

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik)

***UML II - Working Seminar***

25.4.2006 15:15 *Wendelstein-Seminar*

**Minyou Ye**

***Thermal Analysis for in-vessel Components in W7-X using ANSYS Software***

25.4.2006 10:30 *Oberflächen-Seminar MF*

**Matthias Reinelt** (IPP Garching)

***Winkelabhängige XPS-Messungen, Tougaard-Untergrund***

20.4.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Holger Stiele** (LMU)

***Clump formation in magnetically dominated molecular clouds - an analytical stability discussion***

12.4.2006 15:30 *Edge Physics Forum*

**Matej Mayer**

***Material erosion in the outer divertors of ASDEX Upgrade and JET***

12.4.2006 14:00 *W7X Software Seminar*

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik)

***UML I - Working Seminar***

[Slides](#)

11.4.2006 10:30 *Oberflächen-Seminar MF*

**Florian Kost** (IPP Garching)

***ESD-Quelle für atomaren Sauerstoff, Literaturüberblick***

6.4.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. Iztok Čadež** (Department for Low and Medium Energy Physics (F2) Jozef Stefan Institute,

Ljubljana )

***Research in the field of plasma wall interaction within SFA: Vibrational spectroscopy of hydrogen molecules relevant to the edge plasma studies***

[Slides](#)

5.4.2006 15:30 *Edge Physics Forum*

**J. Harhausen**

***Aspects on Evaluation of Ha Tangential Camera Data and Estimate on Fuelling Ratio HFS/LFS***

5.4.2006 11:00 *Bereichsseminar Materialforschung*

**Prof. A.A. Pisarev** (Moscow Engineering and Physics Institute, Russia)

***Modeling of hydrogen gas driven permeation***

4.4.2006 10:30 *Oberflächen-Seminar MF*

**Aurelia Herrmann** (IPP Garching)

***Atomic force microscope - An introduction and its application for roughness measurements on nanometre scale***

30.3.2006 14:00 *Bereichsseminar Materialforschung*

**Dr. V. Philipps** (FZ Jülich/JET Culham)

***The JET ITER like wall project: scientific goals, open issues and impact on the EU-PWI work programme***

[Slides](#)

29.3.2006 14:00 *W7X Software Seminar*

**Thomas Heimann**

***Flexibilisierung der Unternehmens-IT mit Hilfe einer SOA***

[Slides](#)

29.3.2006 12:15 *ASDEX Upgrade Seminar*

**Y. Turkin**

***Software for modeling W7-X***

28.3.2006 15:15 *Wendelstein-Seminar*

**K. McCormick**

***Edge density and energy confinement in W7-AS: Chicken or Egg or Only a Casual Relationship?***

28.3.2006 10:30 *Oberflächen-Seminar MF*

**Thomas Köck** (IPP Garching)



***Recent results in the development of a SiC/Cu metal-matrix composite***

24.3.2006 9:00 IPP Institutskolloquium

**Dr. Rolf Linkohr** (MdEP, Berater des EU-Kommissars für Energie, Brüssel)

***Die europäische Energiepolitik - Rückblick auf 25 Jahre EU-Parlamentsarbeit und künftige Tendenzen***

23.3.2006 12:30 Tokamakphysik Kaffeeseminar

**Thilo Hauff** (IPP)

***Gyrating test particles in turbulent fields***

23.3.2006 12:15 ASDEX Upgrade Seminar

***DPG Rehearsal - 2nd Oral Session***

23.3.2006 11:00 Bereichsseminar Materialforschung

**Dr. Denis Levchuk** (IPP Garching)

***Plasma assisted techniques for deposition of superhard nanocomposite coatings***  
[Slides](#)

23.3.2006 9:15 ASDEX Upgrade Seminar

***DPG Rehearsal - 1st Oral Session***

22.3.2006 13:00 Arbeitskreis

**C. Angioni**

***Towards the prediction of the peaking of the Density profile in ITER: progress ( and problems ) in combining observations in ASDEX Upgrade and JET***

22.3.2006 10:30 ASDEX Upgrade Seminar

***DPG Rehearsal - Poster session***

21.3.2006 15:15 Wendelstein-Seminar

**Y. Suzuki** (National Institute of Fusion Science (JP))

***MHD equilibrium analysis of the W7 stellarator line***

21.3.2006 10:00 ASDEX Upgrade Seminar

**C.P. v. Thun** (UKAEA)

***Washboard modes in JET***

20.3.2006 12:30 ASDEX Upgrade Seminar

**Dr. Stefan Klenge** (IPF Stuttgart)

## ***Doppler Reflectometry and the L-H transition on ASDEX Upgrade***

16.3.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. M. Mayer** (IPP Garching)

***Tungsten erosion in the outer divertor of JET***

[Slides](#)

15.3.2006 15:00 *W7X Software Seminar*

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

**RUP**

[Slides](#)

15.3.2006 12:35 *ASDEX Upgrade Seminar*

**R. Fischer**

***Data Analysis Issues for AUG TS diagnostics***

15.3.2006 12:15 *ASDEX Upgrade Seminar*

**B. Kurzan**

***Status of Thomson scattering in the years 2005/6***

14.3.2006 10:30 *Oberflächen-Seminar MF*

**Christoph Adelhelm** (IPP Garching)

***Application of NEXAFS and Raman Spectroscopy for the determination of sp<sup>2</sup> hybridized carbon in amorphous carbon films***

10.3.2006 9:00 *IPP Institutskolloquium*

**Prof. Dr. Wim Goedheer** (FOM-Institute for Plasma Physics, Rijnhuizen)

***Physics and Design of MAGNUM-PSI***

[Slides](#)

9.3.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Olgierd Dumbrajs** (Helsinki Univ. of Techn.)

***Symplectic mappings***

9.3.2006 11:00 *Bereichsseminar Materialforschung*

**K. Lorenz** (TU München, FRM 2)

***Phasenkontrast-Radiographie am FRM-II***

[Slides](#)

8.3.2006 15:30 *Edge Physics Forum*

**David Coster**

*A summary of the recent one month long edge modelling campaign at JET*

7.3.2006 12:15 ASDEX Upgrade Seminar

**Y. Kikuchi** (FZ Jülich)

*Investigation of mode penetration by the dynamic ergodic divertor in TEXTOR*

2.3.2006 11:00 Bereichsseminar Materialforschung

**B. Plöckl** (IPP Garching)

*Qualitätsmanagementsysteme nach ISO 9001 am Beispiel der Werksfertigung von Komponenten für W7-X bei MAN DWE*

[Slides](#)

1.3.2006 15:00 W7X Software Seminar

**Torsten Bluhm** (Max-Planck-Institut für Plasmaphysik)

*Eclipse*

[Slides](#)

24.2.2006 12:30 Tokamakphysik Kaffeeseminar

**Mark Thiele** (Univ. Bayreuth)

*Rotating Turbulence: Numerical Simulation and Phenomenology*

24.2.2006 9:00 IPP Institutskolloquium

**Prof. Cary Forest** (University of Wisconsin, Madison)

*Liquid Metal Dynamo Experiments: The role of turbulence in self-generation of magnetic fields*

23.2.2006 12:30 Tokamakphysik Kaffeeseminar

**Roberto Cesario** (ENEA)

*A new understanding of experiments utilising lower hybrid waves in tokamaks and ITER-relevant q-profile modelling*

23.2.2006 11:00 Bereichsseminar Materialforschung

**Prof. Dr. S. Schmauder** (Institut für Materialprüfung, Werkstoffkunde und Festigkeitslehre (IMWF), Stuttgart)

*Modellierung der Rissausbreitung in Verbundwerkstoffen*

22.2.2006 14:00 Arbeitskreis

**A. Sirinelli** (CEA-Cadarache)

*Beta scaling experiments in Tore Supra*

22.2.2006 14:00 W7X Software Seminar

**Par Strand** (Chalmers University (Göteborg))

**Status of the EFDA Integrated Tokamak Modelling Task Force**

[Slides](#)

21.2.2006 12:30 Tokamakphysik Kaffeeseminar

**Tobias Görler** (Universität Ulm)

**Photon scattering and quantum statistics**

21.2.2006 10:30 Oberflächen-Seminar MF

**Heun Tae Lee** (IPP)

**Deuterium and helium trapping in tungsten under simultaneous implantation**

17.2.2006 9:00 IPP Institutskolloquium

**Dr. William Morris** (UKAEA, Culham Science Centre)

**Science and Technological uses of the Spherical Tokamak MAST**

[Slides](#)

16.2.2006 11:00 Bereichsseminar Materialforschung

**Dr. J. Roth** (IPP Garching)

**Neue Messungen zur Wasserstoffaufnahme von CFC Materialien: Vergleich von Ionenstrahlimplantation mit Plasmaexposition**

[Slides](#)

15.2.2006 14:15 W7X Software Seminar

**Yasuhiro Suzuki** (National Institute for Fusion Science, Toki)

**Hint-2: Technical Issues**

[Slides](#)

14.2.2006 15:15 Wendelstein-Seminar

**T. Windisch**

**Intermittent radial transport in fusion devices - related studies in the linear helicon device VINETA**

13.2.2006 14:00 Arbeitskreis

**Dr. A. Manini**

**Ion heat transport in H-mode plasmas: Dependence on  $T_e/T_i$  and  $\text{grad } V_{\text{tor}}$**

10.2.2006 9:00 IPP Institutskolloquium

**Prof. Dr.-Ing. Monika Auweter-Kurtz** (Institut für Raumfahrtsysteme, Universität Stuttgart)

**Plasmaquellen in der Raumfahrt**

[Slides](#)

9.2.2006 11:00 *Bereichsseminar Materialforschung*

**T. Dürbeck / T. Schwarz-Selinger / U. von Toussaint** (IPP Garching)

***Profilometrie, Reflektrometrie, Ellipsometrie: Grundlagen und Anwendung***  
[Slides](#)

8.2.2006 15:30 *Edge Physics Forum*

***Discussion of W issues for upcoming ASDEX Upgrade campaign (continued)***

7.2.2006 15:15 *Wendelstein-Seminar*

**M. Sauer** (KFA Juelich)

***W7-X Progress Report: The Bus System for W7-X***

2.2.2006 11:00 *Bereichsseminar Materialforschung*

**Dr. J. Roth / Dr. K. Krieger** (IPP Garching)

***Reisebericht ITPA Topical Group Meeting***

31.1.2006 15:15 *Wendelstein-Seminar*

**Prof. E. Hassel** (Univ. Rostock)

***Investigation of turbulent mixing processes by large eddy simulation***

25.1.2006 15:30 *Edge Physics Forum*

***Discussion of W issues for upcoming ASDEX Upgrade campaign***

25.1.2006 12:15 *ASDEX Upgrade Seminar*

**O. Mangold** (IfP Stuttgart)

***ECRH mit der ordentlichen Welle bei der zweiten Harmonischen (O2-Mode)***

25.1.2006 10:00 *ASDEX Upgrade Seminar*

**V. Igochine**

***Stochastization as a possible explanation for some fast MHD phenomena***

24.1.2006 12:30 *Tokamakphysik Kaffeeseminar*

**Peter Manz** (Universität Kiel)

***Bestimmung experimenteller Energietransfer-Funktionen am Torsatron TJ-K***

23.1.2006 12:30 *Arbeitskreis*

**Dr. Clemente Angioni**

***On the relationship between the direction of the impurity pinch and auxiliary heating in tokamak plasmas***

20.1.2006 9:00 *IPP Institutskolloquium*

**Prof. Dr. Dagmar Bruß** (Institut für Theoretische Physik III, Heinrich-Heine-Universität Düsseldorf)

***Quantum information processing: Creation and detection of multipartite entanglement***  
[Slides](#)

18.1.2006 14:00 *W7X Software Seminar*

**Andreas Dinklage** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Visualization with Matlab***

[Slides](#)

18.1.2006 12:15 *ASDEX Upgrade Seminar*

**L. Horton**

***Critical physics issues for DEMO***

17.1.2006 15:15 *Wendelstein-Seminar*

**S. Zegenhagen**

***Alfven eigenmode spectra in W7-AS***

11.1.2006 14:00 *W7X Software Seminar*

**Michael Endler** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Practical experience using IDL for viewing large amounts of data - the example of lup***

[Slides](#)

10.1.2006 10:30 *Oberflächen-Seminar MF*

**Svetlana Levchuk** (IPP)

***Interface development for a Eurofer steel matrix composite with SiC-fibre reinforcement***

21.12.2005 14:00 *W7X Software Seminar*

**Horst Wobig** (Max-Planck-Institut für Plasmaphysik)

***Virtual Wendelstein***

[Slides](#)

20.12.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Christos Tsironis**

***Non-Gaussian beam tracing***

16.12.2005 9:00 *IPP Institutskolloquium*

**Prof. Dr. Wolfgang Seiler** (Forschungszentrum Karlsruhe, Institut für Meteorologie und

Klimaforschung (IMK-IFU), Garmisch-Partenkirchen)

***Ist eine weitere Klimaänderung noch zu vermeiden?***

[Slides](#)

15.12.2005 10:00 *Bereichsseminar Materialforschung*

**Dr. Roland Heidinger** (Forschungszentrum Karlsruhe, IMF-I)

***Materialentwicklung und –qualifizierung von Diamantfenstern für EC-Wellensysteme in der Fusionstechnologie***

13.12.2005 10:30 *Oberflächen-Seminar MF*

**Kostyantyn Polozhy** (Kharkiv University)

***Activities on Plasma Surface Interaction at the Chair of Physical Technologies, Kharkov University***

9.12.2005 13:30 *Wendelstein-Seminar*

**Prof. Roman Schrittwieser** (Univ. Innsbruck)

***Direct Measurements of the Plasma Potential with Probes***

[Slides](#)

7.12.2005 14:00 *W7X Software Seminar*

**Stefan Zegenhagen** (Max-Planck-Institut für Plasmaphysik)

***VDCL - a versatile diagram class library***

[Slides](#)

7.12.2005 12:15 *ASDEX Upgrade Seminar*

**J. Schirmer**

***Plasma Turbulence Studies Using Doppler Reflectometry on the ASDEX Upgrade Tokamak***

[Slides](#)

6.12.2005 10:30 *Oberflächen-Seminar MF*

**Dr. Thomas Schwarz-Selinger** (IPP)

***Reisebericht Kharkov***

2.12.2005 9:00 *IPP Institutskolloquium*

**Prof. Dr. Gerrit Kroesen** (Eindhoven University of Technology)

***Perspectives of Industrial Plasma Applications***

1.12.2005 13:30 *Tokamakphysik Kaffeeseminar*

**Dr. Mario Sempf**

***Nichtlineare Dynamik atmosphärischer Zirkulationsregime in einem idealisierten Modell***

30.11.2005 12:15 ASDEX Upgrade Seminar

**L. Giannone**

***Prototype of a radiation hard resistive bolometer for ITER***

29.11.2005 13:00 ASDEX Upgrade Seminar

**S. Zoletnik** (KFKI, Budapest)

***Anomalous transport events in the core plasma of the Wendelstein 7-AS stellarator***

[Slides](#)

29.11.2005 12:30 Tokamakphysik Kaffeeseminar

**Marco Brambilla**

***Comparing the Vlasov, gyrokinetic, and action-angle approaches to obtain the linear constitutive relation in toroidal plasmas***

25.11.2005 12:30 Tokamakphysik Kaffeeseminar

**Bruce Scott**

***Burst Events in Edge Turbulence in a Self Consistent Equilibrium***

24.11.2005 11:00 Bereichsseminar Materialforschung

**Dr. Udo von Toussaint** (IPP)

***Bayesian Neural Networks and Applications to Speckle Data and Soft X-Ray Diagnostics***

23.11.2005 14:00 W7X Software Seminar

**Henning Thomsen** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***IDL for Visualization***

[Slides](#)

22.11.2005 15:30 Wendelstein-Seminar

**Y. Feng**

***Recycling and impurity retention in W7AS high-density improved confinement discharges***

22.11.2005 12:15 ASDEX Upgrade Seminar

**F. Romanelli** (CR Frascati, Roma, Italy)

***FT3: A Facility in support of the ITER programme***

18.11.2005 9:00 IPP Institutskolloquium

**Prof. Dr. Wolfgang M. Heckl** (LMU und Deutsches Museum, München)

***Organic Self Assembly - The magic principle***

17.11.2005 11:00 Bereichsseminar Materialforschung

**Dr. Vladimir Barabash** (Design Integration Division, ITER International Team)



***Materials Challenges for ITER - Current Status and Future Activities***

[Slides](#)

16.11.2005 15:30 *Edge Physics Forum*

**W. Schustereder**

***W in AUG measured by midplane manipulator collector probe***

16.11.2005 13:30 *W7X Software Seminar*

**Heike Kühntopf** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***XDV Plotting Packages***

[Slides](#)

15.11.2005 15:15 *Wendelstein-Seminar*

**W. Bohmeyer** (HU Berlin)

***Der Plasmagenerator PSI-2: eine stationäre Plasmaquelle für Forschung und Lehre***

15.11.2005 10:30 *Oberflächen-Seminar MF*

**Ivan Bizyukov** (IPP)

***Results from dual beam irradiations of tungsten with deuterium and carbon ions at variable species ratio***

11.11.2005 9:00 *IPP Institutskolloquium*

**Dr. Joachim Geiger** (IPP)

***Equilibrium calculations for W7-AS and W7-X***

[Slides](#)

10.11.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. rer. nat. Jens Schmidt** (German Aerospace Center, Institute of Structures and Design, Ceramic Composite Structures, Stuttgart)

***Produktentwicklungen aus faserverstärkten Keramiken für Höchsttemperaturanwendungen***

9.11.2005 14:00 *W7X Software Seminar*

**Andreas Werner** (Max-Planck Institut für Plasmaphysik, TI Greifswald)

***PLplot***

[Slides](#)

8.11.2005 13:15 *ITED-Seminar*

**Dr. Francesco Taccogna** (IPP)

***Concept for Modelling of the NNBI Source***

8.11.2005 11:00 *Oberflächen-Seminar MF*

**Jelena Butikova** (University of Latvia (Institute of Solid State Physics, Riga))

***Laser ablation spectroscopy for impurity depth profiling and concentration imaging in plasma***

8.11.2005 10:30 *Oberflächen-Seminar MF*

**Dr. Joachim Roth** (IPP)

***Bericht PWW Task Force Meeting, Cadarache***

7.11.2005 13:15 *ITED-Seminar*

**Dr. C. Zhou** (South Western Institute of Physics, Chengdu, China)

***Fusion Research Activities at SWIP***

7.11.2005 13:00 *Wendelstein-Seminar*

**Dr. Iurii Iakovenko** (INR Kiev)

***Properties of the high-frequency part of the Alfvén continuum and eigenmodes in stellarators***

4.11.2005 10:30 *Vortrag*

**W. Ecke** (Institute for Physical High Technology, Optics Division, Jena)

***"Optical fibre grating sensors for structural health monitoring in adverse environment"***

***Anschließend praktische Demonstration eines Dehnungssensor-Systems mit Fasergittern.***

4.11.2005 9:00 *IPP Institutskolloquium*

**PD Dr. Franz Giessibl** (EKM, Experimentalphysik VI, Universität Augsburg)

***Atomic force microscopy and its path to atomic resolution***

[Slides](#)

2.11.2005 15:15 *Wendelstein-Seminar*

**P. Grigull**

***W7-AS Review: Divertor***

2.11.2005 12:15 *ASDEX Upgrade Seminar*

**R. Dux**

***Measurement and Modelling of Tungsten Influx from the Limiters in ASDEX Upgrade***

28.10.2005 9:00 *IPP Institutskolloquium*

**Dr. Simon Pinches** (IPP)

***The role of energetic particles in plasma stability***

27.10.2005 11:00 *Bereichsseminar Materialforschung*

**Prof. Suter** (Labor für Ionenstrahlphysik und PSI, ETH Zürich)

***Hochauflösende Gas-Detektoren und ihre Anwendung in der Beschleunigermassenspektrometrie***

26.10.2005 15:30 *Edge Physics Forum*

**A. Herrmann**

***Thermography at ASDEX Upgrade, experience with tungsten***

26.10.2005 12:30 *Wendelstein-Seminar*

**L. Wegener**

***W7-X Progress Report: Status and Prospects of W7-X Assembly***

26.10.2005 12:30 *ASDEX Upgrade Seminar*

**L. Wegener**

***W7-X Progress Report: Status and Prospects of W7-X Assembly***

25.10.2005 15:15 *Wendelstein-Seminar*

**F. Wagner**

***H-mode and transport barriers in helical devices***

24.10.2005 10:30 *Oberflächen-Seminar MF*

**Dr. Anna Wassilkowska (IPP)**

***Transmissionselektronenmikroskopie im IPP***

19.10.2005 15:00 *W7X Software Seminar*

**Torsten Bluhm (Max-Planck-Institut für Plasmaphysik)**

***Diagnostikintegration in W7-X Datenerfassung***

[Slides](#)

19.10.2005 12:15 *ASDEX Upgrade Seminar*

**Prof. Cary Forest (University of Wisconsin)**

***Initial Results from the Madison Dynamo Experiment***

14.10.2005 9:00 *IPP Institutskolloquium*

**Dr. Maurizio Gasparotto (IPP)**

***Experience after 2 years and a half in the W7-X project***

[Slides](#)

13.10.2005 11:30 *Bereichsseminar Materialforschung*

**Dr. Ulrich Schwenn (Head of Multimedia and Videoconferencing Group Computing Center Garching)**

***Einweisung in die Videokonferenz-Anlage***

12.10.2005 15:00 *W7X Software Seminar*

**Dirk Dodt (Max-Planck-Institut für Plasmaphysik, TI Greifswald)**

***The ROOT Framework***

[Slides](#)

7.10.2005 9:00 IPP Institutskolloquium

**Dr. Christian Linsmeier** (IPP)

***Bildung und Erosion chemischer Verbindungen an der Oberfläche fusionsbezogener Materialien***

[Slides](#)

6.10.2005 12:30 Tokamakphysik Kaffeeseminar

**Robby Peibst**

***Theorie anormaler Diffusions- und innerer Reibungsprozesse beim Mischkalieffekt in Gläsern***

6.10.2005 11:00 Bereichsseminar Materialforschung

**Dr. Jörg Eßlinger** (MTU Aero Engines Holding AG)

***Werkstoffe in Flugtriebwerken***

[Slides](#)

5.10.2005 12:15 ASDEX Upgrade Seminar

**A.C.C. Sips**

***Improved H-modes at ASDEX Upgrade: A discussion***

5.10.2005 10:30 ASDEX Upgrade Seminar

**M. Maraschek**

***Control of Core MHD Instabilities by ECCD in ASDEX Upgrade***

4.10.2005 12:30 Tokamakphysik Kaffeeseminar

**Stephan Eule**

***Burgers Turbulence***

29.9.2005 12:30 Arbeitskreis

**Dr. L. Vermare**

***Preparation of the beta scaling experiments in ASDEX Upgrade***

29.9.2005 11:00 Bereichsseminar Materialforschung

**G. Ramos-López** (CICATA-IPN Querétaro Mexiko)

***Forschung am CICATA-IPN Querétaro***

23.9.2005 12:30 Tokamakphysik Kaffeeseminar

**Dr. Ahmad Hujeirat** (Uni Heidelberg)

***Magnetic confinement in relativistic jets and jetted gamma ray bursts***

23.9.2005 10:00 *Wendelstein-Seminar*

**E. Gauthier (CEA Cadarache)** (CEA Cadarache)

***Design, Manufacturing and tests of an Infrared thermography and visible viewing diagnostic for JET-EP***

22.9.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Tilmann Dannert**

***Tutorial on turbulence (6): Nonlinear saturation mechanisms***

22.9.2005 11:00 *Bereichsseminar Materialforschung*

**PROF. RAÚL QUIJADA** (Universidad de Chile and Center for Advanced Interdisciplinary Research in Materials(CIMAT, Santiago, Chile)

***RECENT RESULT COMING FROM THE HOMO AND COPOLYMERIZATION OF OLEFINS AND THEIR APPLICATIONS IN NEW MATERIALS***

22.9.2005 9:30 *Bereichsseminar Materialforschung*

**Besichtigung FRM II**

***Nachholtermin***

22.9.2005 9:30 *ASDEX Upgrade Seminar*

**P. Martin**

***Core MHD modes and their control in ASDEX Upgrade***

21.9.2005 14:00 *W7X Software Seminar*

**Christine Hennig** (Max-Planck-Institut für Plasmaphysik)

**CVS**

[Slides](#)

21.9.2005 12:15 *ASDEX Upgrade Seminar*

**V. Mertens**

***Recent Accomplishments and Future Plans of ASDEX Upgrade***

20.9.2005 15:15 *Wendelstein-Seminar*

**M. Schubert**

***Fluctuations of temperature and turbulent radial energy transport in the edge plasma of Wendelstein 7-AS***

20.9.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Alberto Bottino**

***Tutorial on turbulence (5): Advanced models of plasma core turbulence***

19.9.2005 12:30 *ASDEX Upgrade Seminar*

**A. Herrmann**

***ELM structure and Wall load***

16.9.2005 12:30 Tokamakphysik Kaffeeseминаr

**Tiago Ribeiro**

***Tutorial on turbulence (4): Advanced models of plasma edge turbulence***

16.9.2005 9:00 IPP Institutskolloquium

**Dr. Rolf Landua** (CERN)

***Antihydrogen Atoms - Status and Challenges***

15.9.2005 12:15 ASDEX Upgrade Seminar

**Laura Urso**

***Fitting of the Rutherford equation for NTM stabilisation in ASDEX Upgrade***

15.9.2005 11:00 Bereichsseминаr Materialforschung

**Dr.-Ing. Thomas Weissgärber** (Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung (IFAM), Außenstelle für Pulvermetallurgie und Verbundwerkstoffe)

***Cu-SiC composites prepared by Powder Metallurgy for Thermal Management of Electronic Devices***

[Slides](#)

14.9.2005 12:30 Tokamakphysik Kaffeeseминаr

**Dafni Strintzi**

***Tutorial on turbulence (3): Simple models of plasma turbulence***

14.9.2005 10:30 Oberflächen-Seminar MF

**Prof. Satyaranjan Bhattacharyya** (IPP)

***XPS analysis of a Be-W surface alloy***

13.9.2005 15:15 Wendelstein-Seminar

**G. Warr**

***The H-1 NF and Sydney University Pulsed Arc Tomographic Interferometers and the Square Kilometre Array Molonglo Prototype Radiotelescope***

8.9.2005 12:30 Tokamakphysik Kaffeeseминаr

**Florian Merz**

***Tutorial on turbulence (2): 2D fluid turbulence***

7.9.2005 12:30 Tokamakphysik Kaffeeseминаr

**C. V. Atanasiu**

***Resistive wall mode stabilization***

6.9.2005 12:30 Tokamakphysik Kaffeeseминаr

**Dan Skandera**

***Tutorial on turbulence (1): Turbulent flows***

23.8.2005 10:30 *Oberflächen-Seminar MF*

**Christoph Adelhelm** (IPP)

***EXAFS-Spektroskopie: Experiment, Theorie, Datenauswertung***

17.8.2005 15:00 *ASDEX Upgrade Seminar*

**J.-M. Noterdaeme**

***Controlled Fusion, from Basic Plasma Physics to Nuclear Engineering***

9.8.2005 15:15 *Wendelstein-Seminar*

**H.-W. Müller**

***Flows in the Scrape-Off Layer of AUG***

28.7.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Hans Maier** (IPP)

***Development of Tungsten Coatings for the ITER-like Wall Project***

26.7.2005 16:00 *Wendelstein-Seminar*

**Prof. R. Wolf** (FZJ)

***Influence of Magnetic Field Perturbations on MHD stability, Plasma Rotation and Transport***

26.7.2005 10:30 *Oberflächen-Seminar MF*

**Matthias Reinelt** (IPP)

***TMAP-7: Fundamentals and Application***

25.7.2005 12:30 *ASDEX Upgrade Seminar*

**A. Peeters**

***The limit you will never reach***

22.7.2005 9:00 *IPP Institutskolloquium*

**Prof. Dr.-Ing. Bernd Kieback** (Technische Universität Dresden und Fraunhofer Institut für Fertigungstechnik und Angewandte Materialforschung)

***Functionally Graded W-Cu- Materials by Powder Metallurgy***

[Slides](#)

21.7.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Karl Krieger** (IPP)

***Carbon deposition and fuel retention in gaps of plasma facing components***

19.7.2005 10:30 *Oberflächen-Seminar MF*

**Marcel Carrère** (Universität Marseille)

***PHISIS: mass spectrometer (EQP300) and Langmuir's probe measurements in an helicon argon plasma***

14.7.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Patrick Starke** (Universität Augsburg)

***Chemische Erosion von Kohlenstoffmaterialien in induktiv gekoppelten HF-Plasmen***

[Slides](#)

12.7.2005 11:00 *Bereichsseminar Materialforschung*

**Michael Schlüter** (IPP)

***Raketen und elektrische Raumfahrtantriebe***

11.7.2005 12:30 *ASDEX Upgrade Seminar*

**A. Zimbal** (Physikalisch-Technische Bundesanstalt, Braunschweig)

***Messungen am JET mit einem hochauflösenden Breitband-Neutronenspektrometer***

8.7.2005 12:15 *ASDEX Upgrade Seminar*

**G. Raupp**

***Commissioning and Initial Operation Experience with ASDEX Upgrade's new Control and Data Acquisition***

8.7.2005 9:00 *IPP Institutskolloquium*

**Prof. Dr. Hanns Ruder** (Universität Tübingen)

***Was auch Einstein sicher gern gesehen hätte - Visualisierung relativistischer Effekte***

7.7.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Rainer Hillenbrand** (Max-Planck-Institut für Biochemie)

***Nanoscale resolved optical microscopy and infrared spectroscopy by light scattering from a scanning tip***

[Slides](#)

30.6.2005 11:00 *Bereichsseminar Materialforschung*

**Prof. Kai Nordlund** (Universität Helsinki)

***Atomistic simulations of the deposition, chemical sputtering and blistering of C, W and CW-based divertor materials***

[Slides](#)

23.6.2005 12:15 *ASDEX Upgrade Seminar*

**O. Gruber**

***ITER operation beyond its baseline scenarios***



23.6.2005 11:00 *Bereichsseminar Materialforschung*

**Stephan Zügner** (BMW Group)

***Keramik-Metall-Lotverbindungen für den Einsatz in mobilen Hochtemperatur-Brennstoffzellen (SOFC)***

22.6.2005 12:40 *ASDEX Upgrade Seminar*

**A. Kallenbach**

***Tokamak operation with high-Z plasma facing components***

22.6.2005 12:15 *ASDEX Upgrade Seminar*

**P.T. Lang**

***ELM mitigation by externally induced ELMs - Physics and Prospects***

21.6.2005 17:30 *ASDEX Upgrade Seminar*

**C. Konz**

***Modeling of Power Fluxes during Thermal Quenches***

21.6.2005 15:15 *Wendelstein-Seminar*

**Dr. W. Tröger / Dr. B. Ctordecka** (Garching Instruments)

***Zwischen Wissenschaft und Innovation: Technologietransfer***

21.6.2005 10:30 *Oberflächen-Seminar MF*

**Etienne Niderkorn** (IPP)

***Study of high temperatures oxidation resistance of W-based alloys with Si, Cr and Al***

17.6.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Marco Wischmeier** (EPF Lausanne)

***Simulating divertor detachment in the TCV and JET tokamaks***

17.6.2005 9:00 *IPP Institutskolloquium*

**Prof. Anton Zeilinger** (Universität Wien)

***Von Einstein zur Quanteninformation***

16.6.2005 11:00 *Bereichsseminar Materialforschung*

**Michael Schlüter** (IPP)

***Raketen und elektrische Raumfahrtantriebe***

14.6.2005 15:15 *Wendelstein-Seminar*

**H. Greuner**

***W7-X Progress Report: Die Hochleistungs Testkammer GLADIS***

9.6.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Walter Assmann** (Department für Physik, LMU München, Beschleunigerlabor/MLL)

***Entwicklung radioaktiver Implantate zur lokalen Strahlentherapie (RadBioMat-Projekt)***

7.6.2005 15:15 *Wendelstein-Seminar*

**A. Weller**

***Selected Results of High-Beta Experiments in LHD and Comparison with W7-AS***

6.6.2005 9:30 *Vortrag*

**Dr. Vasile Vartolomei** (Institut für Niedertemperatur-Plasmaphysik (INP) Greifswald)

***Study of ECWR plasma parameters in expansion region***

3.6.2005 12:15 *ASDEX Upgrade Seminar*

**V. Bobkov**

***Physical and technical aspects of ICRF operation at ASDEX Upgrade***

3.6.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Christian Edtmaier** (Technische Universität Wien, Institut für Chemische Technologien und Analytik)

***Metall-Matrix-Verbundwerkstoffe mit Carbon Nanotubes als hochfeste und hochwärmeleitende Einlagerungsphase***

[Slides](#)

31.5.2005 15:15 *Wendelstein-Seminar*

**Prof. Y. Kolesnichenko** (Institute for Nuclear Research, Kyiv, Ukraine)

***Theory of Alfvén instabilities resulting in thermal crashes in W7-AS***

31.5.2005 13:15 *ITED-Seminar*

**Dr. Volodymyr Bobkov** (IPP)

***Physical and technical aspects of ICRF operation at ASDEX Upgrade***

31.5.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Moritz Püschel**

***The Weibel Instability in Collisionless Plasmas***

31.5.2005 10:30 *Oberflächen-Seminar MF*

**Denis Levchuk** (IPP)

***Modelling of hydrogen diffusion in metals***

24.5.2005 15:15 *Wendelstein-Seminar*

**T. Eich**

***Type-I ELM substructure on the divertor targets in ASDEX Upgrade***

20.5.2005 12:15 *ASDEX Upgrade Seminar*

**A. Schmid**

***Charakterisierung kohärenter und inkohärenter Plasmafluktuationen mit einer kombinierten***

***Mirnov-Langmuir-Manipulatorsonde am Tokamak ASDEX Upgrade***

19.5.2005 9:30 *Bereichsseminar Materialforschung*

**Forschungsneutronenquelle Heinz Maier-Leibnitz ((FRM-II))**

***Besichtigung FRM II***

17.5.2005 10:30 *Oberflächen-Seminar MF*

**Klaus Schmid (IPP)**

***Festkörperdiffusion im Rechner***

13.5.2005 9:00 *IPP Institutskolloquium*

**Dr. Dr. habil. Claus Ascheron (Springer Verlag)**

***Science Citation Index and Impact Factors***

***Gebrauch und Mißbrauch***

***Ist der Science Citation Index das ultimative Maß für die Qualität wissenschaftlicher Veröffentlichungen?***

[Slides](#)

12.5.2005 11:00 *Bereichsseminar Materialforschung*

**Prof. Dr. Winfried Petry (Technische Universität München FRM-II + Physik Department)**

***Material Science with Neutrons***

3.5.2005 15:15 *Wendelstein-Seminar*

**M. Otte / R. Jaenicke**

***Final report on flux surface mapping at W7-AS***

3.5.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Andreas Bergmann**

***Additional electric current in small rotating islands due to finite-orbit-size - stabilizing or destabilizing ?***

29.4.2005 9:00 *IPP Institutskolloquium*

**Prof. Dr. Reinhard Genzel (Max-Planck-Institut für Extraterrestrische Physik)**

***Massive Schwarze Löcher und Galaxien***

28.4.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Jürgen Wehr (EADS, Ottobrunn)**

***Automatisierte Herstellung von metallischen Faserverbundwerkstoffen - Inline-Faserbeschichtungs- und Tapelegetechnologie***

[Slides](#)

26.4.2005 15:15 *Wendelstein-Seminar*

**G. Pokol, S. Zoletnik** (KFKI-Research Institute for Particle and Nuclear Physics (Budapest, HU))  
***Anomalous transport events in the core plasma of the Wendelstein 7-AS stellarator***

22.4.2005 9:00 IPP Institutskolloquium

**Dr. Rainer Burhenn** (IPP)

***Das Verhalten von Verunreinigungen im Stellarator W7-AS***

[Slides](#)

20.4.2005 14:00 Edge Physics Forum

***Our next step in pellet ELM pacing technology - the "Leidenfrost gun"***

14.4.2005 11:00 Bereichsseminar Materialforschung

**Jamie Muir Wood** (Department of Materials Science and Metallurgy, University of Cambridge)

***Indentation of shape memory materials***

[Slides](#)

12.4.2005 15:15 Wendelstein-Seminar

**Devendra Sharma**

***Plasma Neutral Transport and the Role of Stochasticity in W7-X***

8.4.2005 9:00 IPP Institutskolloquium

**Prof. Dr. Ernst Otto Göbel** (Physikalisch-Technische Bundesanstalt, Braunschweig)

***Die Bedeutung genauer Zeitmessung***

[Slides](#)

7.4.2005 11:00 ASDEX Upgrade Seminar

**Jean-Marie Noterdaeme**

***Development of RF Tools and Scenarios for ITER on JET***

7.4.2005 11:00 Bereichsseminar Materialforschung

**Dr. Nadine Baluc** (Ecole Polytechnique Fédérale de Lausanne, Centre de Recherches en Physique des Plasmas, Association Euratom-Confédération Suisse (EPFL), Villingen-PSI, Switzerland)

***The RAFM steels and their ODS variants as structural materials for fusion reactors***

[Slides](#)

6.4.2005 12:15 ASDEX Upgrade Seminar

**Fritz Leuterer**

***Performance Optimisation in ASDEX Upgrade with ECRH and ECCD***

5.4.2005 15:15 *Wendelstein-Seminar*

**Jacob Urban** (IPP - Czech Republic)

***Electron Bernstein Wave Simulation for MAST and NSTX Experiments***

5.4.2005 10:30 *Oberflächen-Seminar MF*

**Christoph Adelhelm** (IPP)

***Herstellung und Charakterisierung von metalldotierten C-Filmen***

23.3.2005 12:15 *ASDEX Upgrade Seminar*

**C. Angioni**

***"Theoretical understanding of observed transport phenomena: Dependence on collisionality, TEM-ITG transition, and consequences for particle and heat transport"***

22.3.2005 15:15 *Wendelstein-Seminar*

**Stefan Ullrich**

***W7-X Progress Report: ECRH Stray Radiation Test-Chamber***

18.3.2005 12:15 *ASDEX Upgrade Seminar*

**H. IGAMI** (National Institute for Fusion Science, Japan)

***ECRH experiments in LHD***

16.3.2005 12:15 *ASDEX Upgrade Seminar*

**D. Raju** (Institute for Plasma Research Bhat, INDIA)

***Study of nonlinear phenomena in a tokamak plasma using a novel Hilbert Transform technique***

14.3.2005 12:15 *ASDEX Upgrade Seminar*

**D. Chandra** (Institute for Plasma Research, Bhat, INDIA)

***Neoclassical tearing Modes in the presence of sheared flows***

10.3.2005 11:00 *Bereichsseminar Materialforschung*

**Dr. Matej Mayer** (Max-Planck-Institut für Plasmaphysik)

***Advances in the Computer Simulation of Ion Beam Analysis Methods***

[Slides](#)

8.3.2005 15:15 *Wendelstein-Seminar*

**E. Gauthier** (CEA)

***JET-EP IRV: Development of a combined infrared thermography and visible view periscope***

8.3.2005 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Naohiro Kasuya** (NIFS, Japan)

***Two-dimensional structure and particle pinch in a tokamak H-mode***

8.3.2005 10:30 *Oberflächen-Seminar MF*

**Klaus Schmid (IPP)**  
*Using LaTeX for a thesis*

3.3.2005 11:00 *Bereichsseminar Materialforschung*  
**Prachai Norajitra** (Institut für Materialforschung III, Forschungszentrum Karlsruhe)  
*Entwicklung eines He-gekühlten Divertors für Fusionsleistungsreaktoren*

2.3.2005 12:15 *Vortrag*  
**Michael König**  
*Invarianz von Plasmarandprofilen unter extremem Teilchenfluss*

1.3.2005 10:30 *Oberflächen-Seminar MF*  
**Thomas Köck (IPP)**  
*Brainstorming Faserbeschichtung*

28.2.2005 13:30 *Vortrag*

*Rehearsal talks for the DPG conference*

28.2.2005 12:30 *ASDEX Upgrade Seminar*  
**V. Igochine**  
*MHD activity in advanced tokamak scenarios*

25.2.2005 14:00 *IPP Institutskolloquium*  
**gemeinsam veranstaltet vom Max-Planck-Institut für Plasmaphysik und vom Max-Planck-Institut für Extraterrestrische Physik**  
*"Plasma Physics and Information Science"*  
*Sonderkolloquium anlässlich der Emeritierung von Prof. Dr. Dr. h.c. Volker Dose*  
*sowie zum Abschluss der Aktivitäten des Centre for Interdisciplinary Plasma Science (CIPS)*

25.2.2005 9:00 *IPP Institutskolloquium*  
**Prof. Dr. Dr. h.c. Otto Gerhard Oe**

*Fast Ion Dynamics*  
*Measured by Collective Thomson Scattering*

[Slides](#)

15.5.2003 12:30 *CIPS EFS Seminar*

**Discussion**

14.5.2003 12:15 *ASDEX Upgrade Seminar*

**V. Rohde**

***Quartz micro balance monitors for carbon deposition measurements at ASDEX Upgrade***

13.5.2003 10:30 *Oberflächen-Seminar MF*

**Almut Wiltner** (IPP)

***Schwingungsfeinstruktur in der XPS***

12.5.2003 13:15 *ITED-Seminar*

**Dr. Dietrich Birus** (IPP)

***Streustrahlung des ICRH Systems im Torusbereich***

9.5.2003 9:00 *IPP Institutskolloquium*

**Dr. Lutz Wegener** (Max-Planck-Institut für Plasmaphysik, Greifswald)

***Das Montagekonzept von W7-X***

[Slides](#)

6.5.2003 13:15 *Wendelstein-Seminar*

**Dr. Heike Laqua** (IPP Greifswald)

***Anlagenzustände an W7-X - Vorstellung und Diskussion für alle***

6.5.2003 10:30 *Oberflächen-Seminar MF*

**Konrad Klages** (IPP)

***D-Beschuß von Be und Be-Mischsystemen (Ergänz. zu Vortrag vom 29.04.2003)***

5.5.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Udo von Toussaint** (IPP)

***Model Comparison on Neural Networks - Status Report***

30.4.2003 12:15 *ASDEX Upgrade Seminar*

**G. Conway**

***Latest results and future plans for Doppler reflectometry on ASDEX Upgrade***

29.4.2003 13:15 *Wendelstein-Seminar*

**Dr. Franz Gadelmeier** (IPP Greifswald)

***Stationary power load, ELMs and asymmetries in W7-AS divertor discharges***

29.4.2003 10:30 *Oberflächen-Seminar MF*

**Konrad Klages** (IPP)

***Literaturübersicht C->Be***

28.4.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Rainer Fischer** (IPP)

***Analysis of Ruby Thomson Scattering Diagnostics***

24.4.2003 12:30 CIPS EFS Seminar

**Discussion**

24.4.2003 8:30 PWW-Seminar MF

**Matthias Meier, Thomas Schwarz-Selinger** (IPP)

**Reisebericht über Workshop "Frontiers on Low Temperature Plasma Diagnostics V"**

22.4.2003 10:30 Oberflächen-Seminar MF

**Christian Linsmeier** (IPP)

**Be-Oberflächenreaktionen (Literaturbericht)**

17.4.2003 12:30 CIPS EFS Seminar

**Roman Hatzky** (RZG)

**Multigrid for B-Splines (Finite Elements)**

17.4.2003 12:30 Tokamakphysik Kaffeeseminar

**Bruce Scott** (IPP)

**The Nonlinear Instability and Zonal Flows in Tokamak Edge Turbulence**

16.4.2003 12:15 ASDEX Upgrade Seminar

**T. Eich**

**Fine structure of type-I ELM target heat deposition in ASDEX Upgrade**

15.4.2003 12:30 Tokamakphysik Kaffeeseminar

**Marco Brambilla** (IPP)

**Plasma waves in the cold-plasma limit**

15.4.2003 10:30 Oberflächen-Seminar MF

**Ivan Bizyukov** (IPP)

**W/a-Si, W/SiO<sub>2</sub> Charakterisierung**

11.4.2003 10:30 Bereichsseminar Materialforschung

**Dr. Junling Chen** (IPP)

**Research status of plasma-facing materials for steady state operation of the HT-7U device**

10.4.2003 15:00 CIPS Colloquium

**A. Khrapak**

**Multiatomic charged complexes in condensed dielectrics**

10.4.2003 12:30 CIPS EFS Seminar

**Discussion**



8.4.2003 13:30 *ITED-Seminar*

**Prof. Dr. A. Zykov** (Kharkov National University, Ukraine)

***Development of Ion and Plasma Sources at Kharkov***

8.4.2003 13:00 *ITED-Seminar*

**Dr. S. Dudin** (Kharkov National University, Ukraine)

***Development of Langmuir Probe Instrumentation at Kharkov***

7.4.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Udo von Toussaint** (IPP)

***Superresolution***

4.4.2003 9:00 *IPP Institutskolloquium*

**Prof. Dr. Rolf Wilhelm** (Max-Planck-Institut für Plasmaphysik Garching)

Bereichsleiter - Technologie)

***The difficulty to produce negative hydrogen ions:***

***ITER NBI-source development at IPP***

[Slides](#)

3.4.2003 12:30 *CIPS EFS Seminar*

***Discussion***

3.4.2003 8:30 *PWW-Seminar MF*

**Christian Linsmeier** (IPP)

***Bericht über DPG Tagung in Dresden***

1.4.2003 15:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Volker Dose** (IPP)

***Determinants of Megadimensional Matrices***

1.4.2003 13:15 *Wendelstein-Seminar*

**Dr. Henning Thomsen** (IPP Greifswald)

***Spatio-temporal behaviour of asymmetric non-stationary radiation in Wendelstein 7-AS stellarator***

31.3.2003 14:00 *ASDEX Upgrade Seminar*

**C. Angioni**

***Density Peaking, Anomalous Pinch, and Collisionality in ASDEX Upgrade Plasmas***

31.3.2003 12:30 ASDEX Upgrade Seminar

**F. Ryter**

***Experimental Studies of Electron Heat Transport (Rehearsal of preview talk for TTF Workshop)***

28.3.2003 9:00 IPP Institutskolloquium

**Prof. Dr. Donald Bruce Dingwell** (LMU-München, Institut für Mineralogie, Petrologie und Geochemie)

***Mit High-Tech gegen High-Risk: Vulkane im Labor***

[Slides](#)

27.3.2003 12:30 CIPS EFS Seminar

***Discussion***

26.3.2003 13:15 ASDEX Upgrade Seminar

**A. Degeling** (CRPP Lausanne)

***The search for determinism in ELM dynamics on ASDEX Upgrade and TCV***

26.3.2003 13:00 Bereichsseminar Materialforschung

**Dr. Minyou Ye** (IPP)

***Limiter Tests in ASDEX Upgrade***

26.3.2003 12:45 ASDEX Upgrade Seminar

**V. Hynönen** (Helsinki University of Technology)

***Unstable periodic orbits in ASDEX Upgrade ELMs***

26.3.2003 12:15 ASDEX Upgrade Seminar

**G. Zvejnieks** (University of Latvia, Riga)

***Analysis of ELM dynamics using ARMA model***

25.3.2003 15:30 CIPS Data Analysis Seminar

**Dr. Hyungdong Kang** (IPP)

***Evidence Estimation Using Gauss Approximation***

24.3.2003 14:00 W7X Software Seminar

**Heike Laqua und Helmut Niedermeyer** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Sniff+***

[Slides](#)

24.3.2003 14:00 W7X Software Seminar

**Georg Michel** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Best of GNU***

[Slides](#)

21.3.2003 13:00 Bereichsseminar Materialforschung

**Dr. Minyou Ye**

***Experiments in ASDEX Upgrade***

21.3.2003 10:45 CIPS LTPP Seminar

**K. Rypdal** (University of Tromso, Norway)

***Long-range dependence, self-affinity and universality in critical systems and turbulence***

21.3.2003 9:00 IPP Institutskolloquium

**Prof. Wolfgang Eberhardt** (Fachhochschule Braunschweig/Wolfenbüttel - Fachbereich Elektrotechnik)

***Ungewöhnliche Experimente mit elektrischen Strömen***

***(Experimentalvortrag)***

[Slides](#)

20.3.2003 12:30 CIPS EFS Seminar

***Discussion***

19.3.2003 13:05 ASDEX Upgrade Seminar

**B. Scott**

***Understanding of Plasma boundary turbulence***

19.3.2003 12:15 ASDEX Upgrade Seminar

**S. Günter**

***Magnetic confinement: How to replace simple scaling laws by physics understanding?***

19.3.2003 10:35 ASDEX Upgrade Seminar

**F. Leuterer**

***Modulated ECRH power deposition in ASDEX Upgrade***

19.3.2003 10:10 ASDEX Upgrade Seminar

**J. Schirmer**

***E x B Velocity measurements from Doppler reflectometry***

19.3.2003 9:45 ASDEX Upgrade Seminar

**K. Krieger**

***Erosion and deposition of tungsten in the tokamak ASDEX Upgrade***

19.3.2003 9:10 ASDEX Upgrade Seminar

**G. Pautasso**

*Avoidance, prediction and mitigation of disruptions in tokamak*

18.3.2003 15:30 *CIPS Data Analysis Seminar*

**Fabrizia Guglielmetti** (IPP)

*Marginal Poisson Distributions for Source Detection*

18.3.2003 13:15 *Wendelstein-Seminar*

**Dr. Thomas Bindemann** (IPP Greifswald)

*Line density measurements in stellarator plasmas*

17.3.2003 12:30 *ASDEX Upgrade Seminar*

**K. Lackner**

*The International Thermonuclear Experimental Reactor ITER: Design and Mission*

14.3.2003 9:00 *IPP Institutskolloquium*

**Klaus Ragaller** (Senior Vice President, Technology Evaluation, ABB Group)

*Technologietransfer*

*Bewährtes und Neues zu diesem für die*

*Wirtschaft lebenswichtigen Prozess*

[Slides](#)

13.3.2003 12:30 *CIPS EFS Seminar*

**Marc Swisdak** (University of Maryland)

*Electron holes in PIC simulations of reconnection*

13.3.2003 11:00 *Bereichsseminar Oberflächenphysik*

**Andreas Präkelt** (Universität Kassel)

*Hochleistungspulsformer in Kompaktbauweise für Femtosekundenlaser: Entwicklung und Realisierung"*

10.3.2003 13:15 *ITED-Seminar*

**Dr. Norbert Rust** (IPP)

*Übersicht über die NBI bei LHD*

10.3.2003 10:30 *CIPS Data Analysis Seminar*

**Volker Dose** (IPP)

*Gaussian Integrals*

7.3.2003 10:45 CIPS LTPP Seminar

**V. Tsytovich** (Russian Academy of Science Moscow)

***Helical dust clusters***

7.3.2003 10:30 Bereichsseminar Materialforschung

**Johann Kißlinger**

***W7-X Divertor***

7.3.2003 9:00 IPP Institutskolloquium

**Dr. Volker Phillips** (Forschungszentrum Jülich GmbH IPP)

***Aims and strategies of the EU Task Force on Plasma Wall Interaction***

[Slides](#)

6.3.2003 12:30 CIPS EFS Seminar

**Dr. Marc Swisdak** (University of Maryland)

***Diamagnetic Stabilization of Magnetopause Reconnection***

6.3.2003 11:00 ITED-Seminar

**C. Zhou** (Southwestern Institute of Physics, CHINA)

***HL-2A Project and NBI Plans***

4.3.2003 13:15 Wendelstein-Seminar

**PD Dr. Ralf Schneider** (IPP Greifswald)

***Plasma edge physics - an example for multiscale problems***

4.3.2003 10:30 Oberflächen-Seminar MF

**Ch. Linsmeier, A. Wiltner** (IPP)

***Bericht: Gordon Conference on Chemical Reactions at Surfaces"***

28.2.2003 9:00 IPP Institutskolloquium

**Dr. Thomas Rummel** (Max-Planck-Institut für Plasmaphysik-IT Greifswald)

***Stromversorgung und Schutzsystem für die supraleitenden Spulen in W7X***

[Slides](#)

27.2.2003 15:00 CIPS Colloquium

**Markus Landgraf** (European Space Agency)

***Interaction of the Solar Wind plasma with interstellar cosmic dust grains - In situ observations***

27.2.2003 12:30 CIPS EFS Seminar

***Discussion***

25.2.2003 13:15 *Wendelstein-Seminar*

**PD Dr. Jürgen Röpcke** (INP Greifswald)

***Recent Spectroscopic Studies of Phenomena in Molecular Non-Equilibrium Plasmas***

24.2.2003 14:00 *W7X Software Seminar*

**Georg Kühner** (Max-Planck-Institut für Plasmaphysik, TI Greifswald)

***Relational Databases***

[Slides](#)

24.2.2003 10:00 *Arbeitskreis*

**Various speakers** (Institut fuer Plasmaforschung (Universitaet Stuttgart))

***Programmbesprechung Zusammenarbeit IPP-IPF***

21.2.2003 10:45 *CIPS LTPP Seminar*

**Tetsuji Shimizu** (MPE/IPP)

***Particles behavior in hydrogen-methane plasmas***

21.2.2003 9:00 *IPP Institutskolloquium*

**Claus Ascheron** (Springer-Verlag)

***ELEKTRONISCHES PUBLIZIEREN***

[Slides](#)

20.2.2003 15:00 *CIPS Colloquium*

**Henning Soltwisch** (Ruhr-Universität Bochum)

***Reaction kinetics of CH<sub>4</sub>/O<sub>2</sub> rf discharges***

20.2.2003 12:30 *CIPS EFS Seminar*

***Discussion***

20.2.2003 10:30 *Bereichsseminar Materialforschung*

**Prof. Dr. Takeo Muroga** (NIFS, Japan)

***Japanese Fusion Materials Development Program - with emphasis on vanadium alloys***

17.2.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Rainer Fischer** (IPP)

***Literature Report: Bayesian Analysis of Neutrinoless Double Beta Decay***

14.2.2003 10:45 *CIPS LTPP Seminar*

**Konstantin Matyash** (IPP)

***PIC modeling of dusty plasmas***

13.2.2003 15:00 *CIPS Colloquium*

**Martin Kern** (Swiss Federal Institute for Snow and Avalanche Research, Davos)

***About the phenomenology and physics of snow avalanches***

13.2.2003 12:30 *CIPS EFS Seminar*

***Discussion***

12.2.2003 13:30 *CIPS LTPP Seminar*

**Konstantin Matyash** (IPP)

***PIC modeling of multispecies plasmas***

12.2.2003 13:15 *CIPS LTPP Seminar*

**Dirk Zickermann** (Fraunhofer Institut fuer Schicht- und Oberflaechentechnik, Braunschweig)

***Depositionsverfahren von  $\alpha$ -C:H Schichten und Ansätze der Modellierung***

11.2.2003 10:30 *Oberflächen-Seminar MF*

**Christian Linsmeier** (IPP)

***Surface reactions on beryllium with carbon and oxygen***

10.2.2003 10:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Volker Dose** (IPP)

***Cherry Blossom: Analysis of Trends***

7.2.2003 9:00 *IPP Institutskolloquium*

**Prof. M. Zirnbauer** (Universität zu Köln, Institut für theoretische Physik)

***MAXWELL in Ketten***

[\*Slides\*](#)

6.2.2003 15:00 *CIPS Colloquium*

**K.-H. Spatschek** (Heinrich-Heine-Universität Düsseldorf)

***Simple models for transport in stochastic plasmas***

6.2.2003 12:30 *CIPS EFS Seminar*

***Discussion***

6.2.2003 11:00 *Bereichsseminar Oberflächenphysik*

**Christian Hopf** (IPP)

***Chemische Zerstäubung und ionenunterstütztes Wachstum amorpher***

***Kohlenwasserstoffschichten - Experimente mit Teilchenstrahlen***

5.2.2003 12:15 *ASDEX Upgrade Seminar*

**R. Bilato**

*Simulation of Fast Wave Current Drive in the Ion Cyclotron Range of Frequency*

4.2.2003 13:15 *Wendelstein-Seminar*

**Kinga Horvath** (IPP Greifswald)

*The development of the Langmuir probe measurements at the WEGA stellarator*

3.2.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Rainer Fischer** (IPP)

*Bayesian Estimation of RBE Factor of Neutrons*

31.1.2003 9:00 *IPP Institutskolloquium*

**Prof. Jürgen Küppers** (Universität Bayreuth, Lehrstuhl für Experimentalphysik III)

*Direkte Reaktionen*

[Slides](#)

30.1.2003 15:00 *CIPS Colloquium*

**Hartmut Loewen** (Heinrich-Heine-Universität Düsseldorf)

*Colloidal suspensions: playground for phase transitions*

30.1.2003 12:30 *CIPS EFS Seminar*

*Discussion*

30.1.2003 11:00 *Bereichsseminar Oberflächenphysik*

**Peter Neumaier** (TU München)

*Reichweite und Mischen niederenergetischer Kohlenstoffionen*

29.1.2003 12:15 *ASDEX Upgrade Seminar*

**A. Sips**

*Preliminary Results of the Improved H mode in JET compared to ASDEX Upgrade*

28.1.2003 13:15 *Wendelstein-Seminar*

**Dr. Michael Laux** (IPP Greifswald)

*Arcing of plasma facing components*

27.1.2003 10:30 *CIPS Data Analysis Seminar*

**Dr. Roland Preuss** (IPP)

*Parameter Estimation with the Entropic Prior*

24.1.2003 10:45 *CIPS LTPP Seminar*

**Dr. S. A. Trigger** (Jointly: Institute for High Temperatures RAS, Moscow, Russia and Humboldt University, Berlin, Germany.)



***Brownian motion: Grains in complex plasmas and active walkers in biological systems***

24.1.2003 9:00 IPP Institutskolloquium

**Dr. Jürg Schweizer** (Eidgenössisches Institut für Schnee- und Lawinenforschung SLF

CH-7260 Davos Dorf

Telefon: +41 81 417 0164, Fax: +41 81 4170110, schweizer@slf.ch

Abt. Schnee und Lawinen )

***Schneemechanik und Lawinenbildung***

[Slides](#)

23.1.2003 15:00 CIPS Colloquium

**Wolf-Christian Müller** (IPP)

***Numerical simulation of dust dynamics in complex plasmas***

23.1.2003 12:30 CIPS EFS Seminar

***Discussion***

23.1.2003 11:00 Bereichsseminar Oberflächenphysik

**Dr. Olga Ogorodnikova** (IPP)

***Ion-driven deuterium behavior in tungsten***

23.1.2003 8:30 PWW-Seminar MF

**Christian Linsmeier, Karl Krieger** (IPP)

***Berichte über "Forum on Nanoscience and Nanotechnology" und "Japan US Workshop on Plasma-Wall Interaction and Plasma Facing Components"***

22.1.2003 12:15 ASDEX Upgrade Seminar

**H. Urano**

***Parameter Dependence of ELM Losses in ASDEX Upgrade***

21.1.2003 13:15 Wendelstein-Seminar

**Dr. Alexander Kendl** (IPP Garching)

***Drift wave turbulence in complex magnetic fields***

20.1.2003 10:30 CIPS Data Analysis Seminar

**Dr. Jakob Svensson** (IPP)

***Bayesian Mapping of the Nd: YAG Thomson Scattering Diagnostic***

17.1.2003 9:00 IPP Institutskolloquium

**Prof. Werner Ebeling** (Humboldt-Universität Berlin)

***Aktive Brownsche Bewegung in Plasma- und Biophysik***

16.1.2003 15:00 *CIPS Colloquium*  
**Uwe Czarnetzki** (Ruhr Universität Bochum)  
***An introduction to the neutral loop discharge***

16.1.2003 12:30 *CIPS EFS Seminar*

***Discussion***

14.1.2003 12:30 *Tokamakphysik Kaffeeseminar*  
**Dr. G.N. Throumoulopoulos** (University of Ioannina)  
***On Axisymmetric Resistive Equilibria with Flow free of Pfirsch-Schlüter Diffusion***

13.1.2003 12:30 *ASDEX Upgrade Seminar*  
**A. Garofalo** (General Atomics, San Diego, USA)  
***Observations, modeling, and stabilization of the pressure-driven kink mode in the DIII-D tokamak***

13.1.2003 10:30 *CIPS Data Analysis Seminar*  
**Dr. Günter Böse** (MPE)  
***Bayesian Treatment of Binary Mixtures: Technicalities***

9.1.2003 12:30 *CIPS EFS Seminar*

***Discussion***

8.1.2003 12:15 *ASDEX Upgrade Seminar*  
**T. Pütterich**  
***Measurements of Carbon Influx in the Main Chamber of ASDEX Upgrade***

19.12.2002 13:00 *CIPS EFS Seminar*  
**Dr. Ahmad Hujerit** (Max-Planck-Institut für Astronomie, Heidelberg)  
***Formation of relativistic ion-dominated AGN-jets***

19.12.2002 11:00 *Bereichsseminar Oberflächenphysik*  
**Dr. Klaus Schmid** (IPP / D3D San Diego)  
***Be Co-Deposition and Be Erosion***

18.12.2002 15:30 *Edge Physics Forum*  
**Matthias Reich**  
***Status and prospects of the Li-Beam CXS ion temperature measurements***

18.12.2002 12:15 *ASDEX Upgrade Seminar*  
**H. Meister**  
***Zeff behaviour in ASDEX Upgrade H mode discharges***

16.12.2002 10:30 *CIPS Data Analysis Seminar*

**Prof. Ariel Caticha** (The State University at New York at Albany)

***Information geometry as the basis for dynamics***

13.12.2002 10:45 *CIPS LTPP Seminar*

**Dr. Sergey Popel** (Institute for the Dynamics of the Geosphere, Russian Accademy of Science)

***Waves in complex plasmas***

13.12.2002 9:00 *IPP Institutskolloquium*

**Dr. habil Ursel Fantz** (Uni Augsburg)

***Optische Erscheinungen in der Atmosphäre***

[Slides](#)

12.12.2002 15:00 *CIPS Colloquium*

**P.F. Meier** (Univ. Zürich)

***Time series analysis of electroencephalograms***

12.12.2002 12:30 *CIPS EFS Seminar*

***Discussion***

11.12.2002 13:10 *ASDEX Upgrade Seminar*

**R. Dux**

***Programme of Task Force IV***

11.12.2002 12:30 *ASDEX Upgrade Seminar*

**L. Horton**

***Programme of Task Force III***

11.12.2002 10:40 *ASDEX Upgrade Seminar*

**J. Hobirk**

***Programme of Task Force II***

11.12.2002 10:00 *ASDEX Upgrade Seminar*

**A. Stähler**

***Programme of Task Force I***

10.12.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. E. Salonen** (TU Helsinki)

***Molecular dynamics modelling of the chemical sputtering of carbon***

9.12.2002 10:30 *CIPS Data Analysis Seminar*

**Fabrizia Guglielmetti** (IPP)  
*ROSAT Data Analysis*

6.12.2002 10:45 CIPS LTPP Seminar

**Achim von Keudell** (IPP)  
*Dust-driven ignition instabilities in pulsed, reactive ICP plasmas*

6.12.2002 9:00 IPP Institutskolloquium

**Prof. Michael Mauel** (Department of Applied Physics and Applied Mathematics  
Columbia University  
New York)

*The Dipole Fusion Energy Concept and the LDX Experiment*

5.12.2002 15:00 CIPS Colloquium

**Gerard Bonhomme** (IPP (Greifswald))  
*Using wavelets to characterize turbulence in magnetized plasmas*

5.12.2002 12:30 Tokamakphysik Kaffeeseminar

**Dr. Alberto Bottino**  
*Global linear stability of electrostatic microinstabilities in ASDEX Upgrade discharges and recent advances in global nonlinear simulations*

5.12.2002 12:30 CIPS EFS Seminar

*Discussion*

5.12.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. Thomas Chudoba** (TU Chemnitz)  
*Nanointender Technik*

4.12.2002 14:25 ASDEX Upgrade Seminar

**S. Pinches**  
*Experimental results and proposals in tokamaks*

4.12.2002 14:00 ASDEX Upgrade Seminar

**A. Kallenbach**  
*What determines the pedestal density in ELMy H-modes?*

4.12.2002 12:15 ASDEX Upgrade Seminar

**T. Eich**  
*First results from a new thermography system for the upper divertor in ASDEX Upgrade*

4.12.2002 10:45 ASDEX Upgrade Seminar

**S. Günter**

***NTM beta limits and direct control***

4.12.2002 10:15 ASDEX Upgrade Seminar

**A. Sips**

***H-mode discharge control at ASDEX Upgrade***

4.12.2002 9:50 ASDEX Upgrade Seminar

**C. Angioni**

***Theoretical description of particle transport: density peaking and extrapolation to the ITER standard scenario***

3.12.2002 12:30 Tokamakphysik Kaffeeseminar

**Dr. Alexander Kendl (IPP)**

***Magnetic shear damping of dissipative drift wave turbulence***

2.12.2002 10:30 CIPS Data Analysis Seminar

**Dr. Hyungdong Kang (IPP)**

***Gaussian Approximation and Beyond***

2.12.2002 10:30 Oberflächen-Seminar MF

**Konrad Klages (IPP)**

***Status Experimente D->C/Be***

29.11.2002 9:00 IPP Institutskolloquium

**Dr. Annette Menzel (TU München, Department fuer Ökologie)**

***Reaktion der Ökosysteme auf die Klimaveränderung***

[Slides](#)

28.11.2002 15:00 CIPS Colloquium

**E. Marsch (Max-Planck-Institut für Aeronomie)**

***The heating of the solar corona - an unsolved problem***

28.11.2002 14:15 ITED-Seminar

**Dr. A. Tanga (IPP)**

***Diagnostic Studies of negative ion source plasmas***

28.11.2002 13:45 ITED-Seminar

**Dr. P. Franzen (IPP)**

***In-line Magnetic Ion Dump for ITER NBI***

28.11.2002 13:15 ITED-Seminar

**Dr. H. Falter (IPP)**

***Summary of NI activities at IPP***

28.11.2002 12:30 CIPS EFS Seminar

**Discussion**

28.11.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. Christian Linsmeier** (IPP)

**Karbidbildung im System Kohlenstoff-Wolfram**

28.11.2002 8:30 PWW-Seminar MF

**Matej Mayer** (IPP)

**Wirkungsquerschnitte für Rückstreuung von Protonen**

26.11.2002 17:30 Vortrag

**Prof. Erich Tenckhoff** (Siemens AG, Technologie, Engineering und Versuche)

**"Wasserstoff- und Brennstoffzellentechnologie"**

26.11.2002 12:30 Tokamakphysik Kaffeeseminar

**Tiago Ribeiro**

**Flux surface geometry for turbulence computations**

25.11.2002 10:30 CIPS Data Analysis Seminar

**Dr. Roland Preuss** (IPP)

**Hybrid Monte Carlo**

22.11.2002 10:45 CIPS LTPP Seminar

**Victoria Yaroshenko** (MPE)

**Collective phenomena of gravitating dusty plasmas**

22.11.2002 9:00 IPP Institutskolloquium

**Prof. Dr. Jerome Pamela** (EFDA Associate Leader in charge of JET, EFDA CSU Culham)

**JET - Recent Results and Programme**

[Slides](#)

21.11.2002 15:00 CIPS Colloquium

**H. Atmanspacher** (Univ. Freiburg)

**Dynamical entropy in dynamical systems**

21.11.2002 12:30 CIPS EFS Seminar

**Discussion**

21.11.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. Rudolf Neu** (IPP)

*Data generation in fusion devices: erosion yields from spectroscopy*

20.11.2002 12:15 ASDEX Upgrade Seminar

**Yu. N. Dnestrovski** (Kurchatov Institute, Russia)

*Canonical Profiles and Scaling for Temperature Gradients in Tokamak*

19.11.2002 17:30 Vortrag

**Dr. Ralf Gueldner** (Framatome Advanced Nuclear Power GmbH, Erlangen)

*"Kernspaltungsreaktoren der naechsten Generation"*

18.11.2002 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Volker Dose** (IPP)

*Mixture Model*

15.11.2002 11:00 IPP Institutskolloquium

**Movie** (IPP)

*IPP movie about nuclear fusion (18 min) - in english*

15.11.2002 10:30 IPP Institutskolloquium

**Film auf deutsch** (IPP)

*IPP Film über Kernfusion (ca. 18 min)*

15.11.2002 9:00 IPP Institutskolloquium

**Dr. Uwe Wenzel** (IPP Greifswald, Bereich Plasmadiagnostik (Berlin))

*Plasmarekombination in der Randschicht von Tokamaks und Stellaratoren*

[Slides](#)

14.11.2002 15:00 CIPS Colloquium

**P.F. Meier** (Univ. Zürich)

*Time series analysis of electroencephalograms*

14.11.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. P. McNeely** (IPP)

*Development of the neutral beam injection source for ITER*

13.11.2002 12:15 ASDEX Upgrade Seminar

**V. F. Andreev** (Kurchatov Institute, Russia)

*The Behaviour of the Heat Diffusivity and the Convective Velocity after ECRH Switch-on (-off) in T-10*

12.11.2002 12:15 ASDEX Upgrade Seminar

**Prof. Dr. W. Wiese** (National Institute of Standard and Technology, Maryland, USA)

***NIST Atomic Structure Database: Energy Levels, Transition Probabilities, Wavelengths***

11.11.2002 10:30 *CIPS Data Analysis Seminar*

**Dr. Udo von Toussaint** (IPP)

***Mass spectroscopy data analysis with generalized maximum entropy IV***

8.11.2002 9:00 *IPP Institutskolloquium*

**Dr. Hoffmann** (RWE Solar, Sprecher der Geschäftsführung der RWE SCHOTT Solar GmbH)

***Schlüsselressource Energie - die Rolle erneuerbarer im Allgemeinen und von PF Solarstrom im Speziellen.***

[Slides](#)

7.11.2002 15:00 *CIPS Colloquium*

**John R. Abelson** (University of Illinois at Urbana-Champaign )

***Low-Temperature CVD of ZrB<sub>2</sub> Metallic Ceramic Thin Films***

7.11.2002 12:30 *CIPS EFS Seminar*

***Discussion***

7.11.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. Karina Morgenstern** (FU Berlin)

***Cluster Manipulation im Rastertunnelmikroskop***

5.11.2002 9:00 *Bereichsseminar Oberflächenphysik*

**Prof. J.R. Abelson** (University of Illinois at Urbana-Champaign)

***Medium-Range Order in Amorphous Silicon measured by Fluctuation Electron Microscopy***

4.11.2002 10:30 *Oberflächen-Seminar MF*

**Almut Wiltner** (IPP)

***Endotherme Carbide: Fe, Ni***

31.10.2002 15:00 *CIPS Colloquium*

**Jens Timmer** (University of Freiburg)

***Data based modelling of the dynamics of a cellular signalling pathway***

31.10.2002 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Bruce Scott**

***Electromagnetic effects on turbulence in the tokamak core***

31.10.2002 12:30 *CIPS EFS Seminar*

***Discussion***



29.10.2002 12:30 Tokamakphysik Kaffeeseminar

**Dr. G. Spiess**

***Alternative Theorie der sogenannten "Ballooning Modes" im Kreiszyylinder***

29.10.2002 0:00 Vortrag

**Dr. Heinz Müller** (GSF – Institut für Strahlenschutz, Neuherberg)

***Die Folgen des Tschernobyl-Unfalls***

[Slides](#)

28.10.2002 10:30 CIPS Data Analysis Seminar

**Dr. Yasutaro Nishimura** (IPP (TK))

***Parametrization of turbulence transport coefficients employing singular value decomposition***

28.10.2002 10:30 Oberflächen-Seminar MF

**Konrad Klages** (IPP)

***Simulationen: Implantation, Ionenstrahlanalyse, TDS bei D->C/Be***

25.10.2002 9:00 IPP Institutskolloquium

**Dr. Dirk Naujoks** (IPP Greifswald, Bereich Plasmadiagnostik (Berlin))

***Plasmasimulation mit Teilchen***

[Slides](#)

24.10.2002 15:00 CIPS Colloquium

**Alexey Ivlev** (MPE)

***PKE-Nefedov - Complex plasma research on the International Space Station ISS***

24.10.2002 14:00 Tokamakphysik Kaffeeseminar

**Prof. R.L. Dewar** (Australian National University Canberra)

***Quantum chaos and the spectrum of ideal MHD mode in 3-D geometries***

24.10.2002 12:30 CIPS EFS Seminar

***Discussion***

24.10.2002 12:15 ASDEX Upgrade Seminar

**M. Wade** (General Atomics, USA)

***Recent Results from DIII-D***

24.10.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. V. Liechtenstein** (IPP)

***Application of DLC foils for accelerator experiments***

18.10.2002 10:45 CIPS LTPP Seminar

**Kostyantyn Polozhiy** (University Kharkov)

***Initial Langmuir probe measurements at the inductively-coupled plasma device PUMA: Problems***

18.10.2002 8:30 CIPS Data Analysis Seminar

**T.J. Loredo** (Cornell University, Ithaca NY, USA)

***Short Course on "Introduction to Bayesian Methods in Astronomy and Astrophysics", October 14 - October 18, 2002, 08:30 - 09:45: 5. Why Try Bayesian Methods?***

17.10.2002 15:00 CIPS Colloquium

**N. Sato** (Tohoku Univ., Sendai, Japan)

***For intelligent plasma processing***

17.10.2002 12:30 CIPS EFS Seminar

**Yuri Igitchkanov** (IPP)

***On violent relaxation distributions***

17.10.2002 8:30 CIPS Data Analysis Seminar

**T.J. Loredo** (Cornell University, Ithaca NY, USA)

***Short Course on "Introduction to Bayesian Methods in Astronomy and Astrophysics", October 14 - October 18, 2002, 08:30 - 09:45: 4. Miscellany: Frequentist Behavior, Experimental Design***

16.10.2002 8:30 CIPS Data Analysis Seminar

**T.J. Loredo** (Cornell University, Ithaca NY, USA)

***Short Course on "Introduction to Bayesian Methods in Astronomy and Astrophysics", October 14 - October 18, 2002, 08:30 - 09:45: 3. Learning How to Count: Poisson Processes***

15.10.2002 8:30 CIPS Data Analysis Seminar

**T.J. Loredo** (Cornell University, Ithaca NY, USA)

***Short Course on "Introduction to Bayesian Methods in Astronomy and Astrophysics", October 14 - October 18, 2002, 08:30 - 09:45: 2. From Gaussians to Periodograms***

14.10.2002 8:30 CIPS Data Analysis Seminar

**T.J. Loredo** (Cornell University, Ithaca NY, USA)

***Short Course on "Introduction to Bayesian Methods in Astronomy and Astrophysics", October 14 - October 18, 2002, 08:30 - 09:45: 1. Overview of Bayesian Inference***

11.10.2002 9:00 IPP Institutskolloquium

**Dr. Feng Yühe** (IPP Greifswald)

***3D-Randschichtmodellierung am Beispiel von W7-AS***

[Slides](#)

10.10.2002 12:30 CIPS EFS Seminar

**Discussion**

9.10.2002 17:30 Vortrag

**Martha Lux-Steiner** (Hahn-Meitner-Institut, Berlin)

**"Photo-Voltaik"**

[Slides](#)

9.10.2002 14:00 ASDEX Upgrade Seminar

**O. Gruber**

***Tolerable ELMs in Conventional and Advanced Scenarios at ASDEX Upgrade***

9.10.2002 13:30 ASDEX Upgrade Seminar

**V. Rohde**

***Operation of ASDEX Upgrade with Tungsten Coated Walls***

9.10.2002 12:15 ASDEX Upgrade Seminar

**H. Zohm**

***Overview of ASDEX Upgrade Results***

9.10.2002 10:00 ASDEX Upgrade Seminar

**F. Jenko**

***Simulations of Finite Beta Turbulence in Tokamaks and Stellarators***

9.10.2002 9:30 ASDEX Upgrade Seminar

**F. Ryter**

***Electron Heat Transport in ASDEX Upgrade: Experiment and Modelling***

9.10.2002 9:00 ASDEX Upgrade Seminar

**S. Günter**

***Neoclassical Tearing Modes on AUG: Improved Scaling Laws, High Confinement at High Beta and New Stabilization Experiments***

4.10.2002 9:00 IPP Institutskolloquium

1.10.2002 16:00 ASDEX Upgrade Seminar

**J. M. Noterdaeme**

***Heating, Current Drive and Energetic Particles Studies on JET in Preparation of ITER Operation***

1.10.2002 15:30 ASDEX Upgrade Seminar

**R. Dux**

***Impurity Transport in Internal Transport Barrier Discharges on JET***

27.9.2002 10:45 CIPS LTPP Seminar

**D. H. E. Gross** (Hahn Meitner Institute)

***Geometric Foundation of Thermo-Statistics, Phase Transitions, Second Law of Thermodynamics, but without Thermodynamic Limit***

27.9.2002 9:00 IPP Institutskolloquium

**Prof. Dr. Robert Schlögl** (Fritz-Haber-Institut der MPG)

***Structure and Reactivity of Carbon Materials***

[Slides](#)

26.9.2002 12:30 CIPS EFS Seminar

***Discussion***

24.9.2002 12:30 Tokamakphysik Kaffeeseminar

**Dr. Clemente Angioni** (IPP)

***Theory based modelling of heat and particle transport in AUG plasmas***

24.9.2002 8:30 CIPS Data Analysis Seminar

**Udo von Toussaint** (IPP)

***Mass spectroscopy data analysis with generalized maximum entropy II***

23.9.2002 12:30 ASDEX Upgrade Seminar

**Dr. Balakrishnan**

***Recent developments on ADITYA operation***

23.9.2002 10:30 CIPS Data Analysis Seminar

**Fabrizia Guglielmetti** (IPP)

***Bayesian background subtraction on ROSAT data***

20.9.2002 16:00 IPP Institutskolloquium

**Festkolloquium zum 60. Geburtstag von Prof. Dr. Karl Lackner**

***Programm***

20.9.2002 9:00 IPP Institutskolloquium

**Dr. Grigory Pereverzev** (IPP)

***Physics of Microwaves in Plasmas***

***- Implications for Transport in a Tokamak***

19.9.2002 15:00 CIPS Colloquium

**Prof. Dr. Alexander Piel** (Christian-Albrechts-Universität Kiel)

***Waves in complex plasmas***

19.9.2002 12:30 ASDEX Upgrade Seminar

**Dr. S. Cirant** (IFP-CNR Milano, Italy)

***Experiments on electron temperature profile resilience in FTU with continuous and modulated ECRH***

19.9.2002 12:30 CIPS EFS Seminar

***Discussion***

18.9.2002 8:30 CIPS Data Analysis Seminar

**Udo von Toussaint** (IPP)

***Mass spectroscopy data analysis with generalized maximum entropy***

17.9.2002 12:30 Tokamakphysik Kaffeeseминаr

**Dr. John Wright** (MIT)

***Progress on a parallel solver for the full wave Ion Cyclotron code TORIC***

12.9.2002 12:30 Tokamakphysik Kaffeeseминаr

**Dr. G. Becker** (IPP)

***Quasi-lineare Theorie des anomalen Einwärtsflusses durch Verunreinigungen***

12.9.2002 12:30 CIPS EFS Seminar

***Discussion***

11.9.2002 12:30 Tokamakphysik Kaffeeseминаr

**Tilman Schmidt-Dannert** (IPP)

***Towards a Comprehensive Full-Torus Turbulence Code: The Treatment of Kinetic Shear Alfvén Waves***

9.9.2002 12:30 ASDEX Upgrade Seminar

**Dr. Chankin**

***Global Circulation of Drift Flows in the SOL and Divertor and Its Impact on Target Asymmetries***

6.9.2002 9:00 IPP Institutskolloquium

**Jean Jacquinot** (Head of the Research Unit of the Euratom-CEA Association)

***Cadarache, a European Site for ITER***

5.9.2002 15:00 *IPP Institutskolloquium*

**Prof. Dr. Carlos Alejaldre**

***Iter in Spain? Vandellós as an European ITER site***

5.9.2002 12:15 *ASDEX Upgrade Seminar*

**Dr. A. C. C. Sips**

***Physics of ITBs: Recent results from experiments***

4.9.2002 12:30 *CIPS EFS Seminar*

**Prof. Paul Terry** (University of Wisconsin-Madison)

***What governs turbulent decorrelation in hydromagnetic turbulence?***

4.9.2002 12:15 *ASDEX Upgrade Seminar*

**Dr. V. Mertens**

***Development of active control systems on ASDEX Upgrade in view of ITER discharge scenarii***

4.9.2002 10:45 *ASDEX Upgrade Seminar*

**Y.-S. Na**

***Transport in high normalized beta discharges on ASDEX Upgrade***

4.9.2002 10:10 *ASDEX Upgrade Seminar*

**Dr. W. Suttrop**

***Heat and particle losses during Edge Localized Modes in ASDEX Upgrade***

29.8.2002 12:30 *CIPS EFS Seminar*

***Discussion***

26.8.2002 10:30 *CIPS Data Analysis Seminar*

**Yasutaro Nishimura** (IPP)

***Coupling of perpendicular transport in turbulence and diffusion model***

26.7.2002 9:00 *IPP Institutskolloquium*

**Prof. Dr. Ernst Peter Fischer** (Universität Konstanz)

***Werner Heisenberg (1901-1976) - Das selbstvergessene Genie***

25.7.2002 11:00 *Bereichsseminar Oberflächenphysik*

**C. Hopf** (IPP)

***Wakefield Accelerator***

22.7.2002 13:15 *ITED-Seminar*

**Dr. N. Rust** (IPP)

***Physikalische Ergebnisse der Radialinjektion an W7-AS***

22.7.2002 12:30 ASDEX Upgrade Seminar

**H. Meister**

***Current Status of the Z<sub>eff</sub> Diagnostic at ASDEX Upgrade***

22.7.2002 10:30 CIPS Data Analysis Seminar

**Prof. Dr. V. Dose (IPP)**

***Hyperplane priors II***

19.7.2002 0:00 IPP Institutskolloquium

**Prof. Dr. Harald Lesch (LMU München)**

***Coherent Radiation from Radio Pulsars***

18.7.2002 15:00 CIPS Colloquium

**Claus Ascheron (Springer-Verlag)**

***Scientific Publishing***

18.7.2002 11:00 Bereichsseminar Oberflächenphysik

**K. Klages (IPP)**

***Neutrinos***

17.7.2002 12:15 ASDEX Upgrade Seminar

**V. Bobkov**

***Influence of the plasma on ICRF antenna voltage limits***

15.7.2002 10:30 CIPS Data Analysis Seminar

**Prof. Dr. V. Dose (IPP)**

***Hyperplane priors***

12.7.2002 9:00 IPP Institutskolloquium

**Dr. Arthur Peeters (IPP)**

***Internal transport barriers in ASDEX Upgrade***

11.7.2002 15:00 CIPS Colloquium

**Bernd Pompe (E.-M.-Arndt-University Greifswald)**

***Entropy Methods in Time Series Analysis***

11.7.2002 12:30 Tokamakphysik Kaffeeseminar

**Prof. O. I. Bogoyavlenskij (Queen's University and Steklov Mathematical Institute)**

***Method of Symmetry Transforms for Constructing Ideal MHD Equilibria***

11.7.2002 11:00 Bereichsseminar Oberflächenphysik

**Andrea Röhreich (IPP)**

***Herstellung von lokalen Bragg-Gittern für monolithisch integrierte InP-basierende DFB-Laser /  
Modulatorbauelemente***

9.7.2002 12:30 Tokamakphysik Kaffeeseminar

**Dr G.N. Throumoulopoulos**

***Tokamak Equilibria with Reversed Magnetic Shear and Sheared Flow***

8.7.2002 12:30 ASDEX Upgrade Seminar

**F. Ryter**

***Diagnosing the Electron Heat Transport in ASDEX Upgrade with ECRH power modulation***

8.7.2002 10:30 CIPS Data Analysis Seminar

**Dr. Roland Preuss** (IPP/CIPS)

***A change-point problem***

5.7.2002 10:15 CIPS LTPP Seminar

**W. Jacob et al.** (IPP)

***Tour through the CIPS laboratories at IPP***

5.7.2002 9:00 IPP Institutskolloquium

**Prof. Dr. Eberhard Zeidler** (Max-Planck-Institut für Mathematik in den Naturwissenschaften, Leipzig)

***Die Faszination der Wechselwirkung zwischen Mathematik und Naturwissenschaften***

4.7.2002 15:00 CIPS Colloquium

**Wolfgang Kessel** (formerly PTB, Braunschweig)

***Uncertainty of Measurement - Based on the BIPM/ISO-GUM Concept***

4.7.2002 12:30 Tokamakphysik Kaffeeseminar

**Prof. Harold Weitzner** (Courant Institute, New York)

***Mode conversion of waves in the electron cyclotron frequency range in non-stratified plasmas***

4.7.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. M. Schreck** (Uni Augsburg)

***CVD-Diamantsynthese***

4.7.2002 8:30 PWW-Seminar MF

**R. Preuss / A. v. Keudell** (IPP)

***Konferenzberichte***

3.7.2002 12:15 ASDEX Upgrade Seminar

**G. Becker**

***Analysis of the particle transport in ASDEX Upgrade discharges***

1.7.2002 12:15 ASDEX Upgrade Seminar

**F. Romanelli** (ENEA, Frascati, Italy)



***Recent results from FTU***

1.7.2002 10:30 *CIPS Data Analysis Seminar*

**Rainer Fischer** (IPP)

***Valencia 7: Bayesian Statistics***

28.6.2002 10:15 *CIPS LTPP Seminar*

**B. Annaratone et al.** (MPE)

***Tour through the CIPS laboratories at MPE***

28.6.2002 0:00 *IPP Institutskolloquium*

27.6.2002 15:00 *CIPS Colloquium*

(entfällt wg. IPP Fachbeirat)

27.6.2002 12:30 *CIPS EFS Seminar*

***Discussion***

27.6.2002 12:15 *ASDEX Upgrade Seminar*

**D. Swain** (ORNL)

***NSTX, the low aspect ratio tokamak in Princeton, heating and current drive results***

27.6.2002 8:30 *PWW-Seminar MF*

**Erik Edelman** (Department of Physical Sciences, Kumpula, Finland)

***ERD-Simulationen***

26.6.2002 14:00 *CIPS LTPP Seminar*

**Andreas Holländer** (Fraunhofer-Institut für Angewandte Polymerforschung)

***Stability and stabilization of plasma polymers***

26.6.2002 12:15 *ASDEX Upgrade Seminar*

**A. Kallenbach**

***Relation of edge recycling and pedestal density***

26.6.2002 11:00 *CIPS EFS Seminar*

**James Drake** (University of Maryland)

***Development of Electron Holes, Anomalous Resistivity and Particle Energization during Magnetic Reconnection***

25.6.2002 16:00 *ASDEX Upgrade Seminar*

**A. Kallenbach**

***AUG contribution to JET (Fachbeirat)***

25.6.2002 13:15 W7AS-Seminar

**Kazumichi Narihara**

***Observation of the Self-Healing of an Error Field Island in LHD***

25.6.2002 12:15 ASDEX Upgrade Seminar

**S. Günter**

***Bericht für den Fachbeirat***

21.6.2002 10:45 CIPS LTPP Seminar

**Beatrice Maria Annaratone (MPE)**

***Introduction to Langmuir probes II***

21.6.2002 0:00 IPP Institutskolloquium

20.6.2002 15:00 CIPS Colloquium

**Udo von Toussaint (IPP)**

***Space Exploration and Bayesian Probability Theory***

20.6.2002 12:30 CIPS EFS Seminar

***Discussion***

20.6.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. Karl Krieger (IPP)**

***Erosion und Migration von Wolfram in der Hauptkammer von AUG***

20.6.2002 8:30 PWW-Seminar MF

**Christian Linsmeier (IPP)**

***Bericht über PSI 2002 in Gifu, Japan***

14.6.2002 10:45 CIPS LTPP Seminar

**Beatrice Maria Annaratone (MPE)**

***Introduction to Langmuir probes I***

14.6.2002 0:00 IPP Institutskolloquium

13.6.2002 15:00 CIPS Colloquium

**Matthias Meier (IPP)**

***Elementary Reactions during Film Growth from CH<sub>3</sub> and H Radical Beams***

13.6.2002 12:30 CIPS EFS Seminar

***Discussion***

13.6.2002 11:00 Bereichsseminar Oberflächenphysik

**Prof. M. Reichling (LMU München)**

***Dynamische Kraftmikroskopie als Werkzeug für die Nanowissenschaften***

12.6.2002 15:00 ASDEX Upgrade Seminar

**T. Eich**

***Divertor target load during type I ELM in ASDEX Upgrade and JET measured by IR-thermography***

12.6.2002 14:30 ASDEX Upgrade Seminar

**M. Maraschek**

***Behaviour and stability of type II ELMs at ASDEX Upgrade***

12.6.2002 14:00 ASDEX Upgrade Seminar

**P. Lang**

***Experimental approach for active ELM control in ASDEX Upgrade***

12.6.2002 12:15 ASDEX Upgrade Seminar

**W. Treutterer**

***Implementation of new control computers***

12.6.2002 9:00 ASDEX Upgrade Seminar

**E. Poli**

***Drift kinetic simulations of the current driving the neoclassical tearing mode***

10.6.2002 12:30 ASDEX Upgrade Seminar

**A. Sips**

***Steady state advanced scenarios at ASDEX Upgrade***

10.6.2002 10:55 ASDEX Upgrade Seminar

**H. W. Müller**

***Profile and transport studies in the outer SOL of ASDEX Upgrade***

10.6.2002 10:30 ASDEX Upgrade Seminar

**A. Stäbler**

***The role of neutral beam injection geometry in advanced discharge scenarios on ASDEX Upgrade***

10.6.2002 10:30 CIPS Data Analysis Seminar

**Maria Daghofer** (Universität Graz)

***Perfect Tempering - Results***

7.6.2002 10:45 CIPS LTPP Seminar

**Dirk Goldbeck** (MPE)

***3D measurement system for micro particles and first applications in complex plasmas***

7.6.2002 9:00 IPP Institutskolloquium

**Prof. Niek Lopes Cardozo** (FOM-Instituut voor Plasmafysica)

***A bouquet of phenomena associated with magnetic resonances in toroidal plasmas***

6.6.2002 15:00 CIPS Colloquium

**Sascha Henke** (Robert Bosch GmbH)

***Diamond-like Carbon Layers: Modern Surface Engineering for Tribological Applications***

6.6.2002 12:30 CIPS EFS Seminar

***Discussion***

6.6.2002 11:00 Bereichsseminar Oberflächenphysik

**Dr. H. You** (IPP)

***Finite Elemente Methode***

5.6.2002 12:15 ASDEX Upgrade Seminar

**Clemente Angioni** (CRPP, Lausanne)

***Effects of localized heating, current drive and beam ions on the sawtooth period***

5.6.2002 10:30 ASDEX Upgrade Seminar

**I. Nunes**

***Effect of ELM type on density profiles measured with microwave reflectometry in ASDEX Upgrade***

31.5.2002 10:45 CIPS LTPP Seminar

(no talk (Fronleichnam 30.5.))

31.5.2002 0:00 IPP Institutskolloquium

30.5.2002 12:30 CIPS EFS Seminar

29.5.2002 12:15 ASDEX Upgrade Seminar

**O. Gehre**

***CO<sub>2</sub>-interferometry on ASDEX Upgrade: status and possibilities***

27.5.2002 10:30 CIPS Data Analysis Seminar

**Erik Edelmann** (Dept. of Physical Sciences, Kumpula, Finland)

***Bayesian Inference in Elastic Recoil Detection Analysis***

24.5.2002 10:45 CIPS LTPP Seminar

(no talk (Pfingstferien))

23.5.2002 12:30 CIPS EFS Seminar

**Dr. Shuichi Matsukiyo** (MPE)

***Nonlinear evolution of electromagnetic waves driven by the relativistic ring distribution***

22.5.2002 12:15 ASDEX Upgrade Seminar

**A. Herrmann**

***Stationary and transient divertor heat flux profiles and extrapolation to ITER***

21.5.2002 12:15 ASDEX Upgrade Seminar

**D. P. Coster**

***An overview of JET edge modelling activities***

17.5.2002 12:15 ASDEX Upgrade Seminar

**R. Dux**

***Accumulation of impurities in advanced scenarios***

17.5.2002 9:00 IPP Institutskolloquium

**Dr. Marc Maraschek** (IPP)

***Stability of high beta discharges at ASDEX Upgrade***

16.5.2002 12:30 Tokamakphysik Kaffeeseминаr

**Prof. E.A. Evangelidis** (Demokritos Univ. of Thrace)

***The First Integral of Energy in Force-free Field Configurations***

16.5.2002 12:30 CIPS EFS Seminar

***Discussion***

15.5.2002 12:15 ASDEX Upgrade Seminar

**Rudi Neu**

***New Results of the Tungsten Programme in ASDEX Upgrade***

15.5.2002 10:45 ASDEX Upgrade Seminar

**V. Rohde**

***On the formation of  $\alpha$ -C:D layers and parasitic plasma underneath the roof baffle of the ASDEX Upgrade divertor***

15.5.2002 10:15 ASDEX Upgrade Seminar

**K. Krieger**

***Erosion and migration of tungsten employed at the main chamber first wall of ASDEX Upgrade***

10.5.2002 10:45 CIPS LTPP Seminar

(no talk (Christi Himmelfahrt 9.5.))

10.5.2002 0:00 IPP Institutskolloquium

8.5.2002 12:15 ASDEX Upgrade Seminar

**F. Leuterer**

***Recent ECRH Results in ASDEX Upgrade***

7.5.2002 15:00 W7AS-Seminar

**Joe Snipes (MIT)**

***Enhanced D alpha H-mode on Alcator C-Mod***

6.5.2002 12:30 ASDEX Upgrade Seminar

**D. Nishijima**

***Volume recombination in detached plasmas of NAGDIS-II***

6.5.2002 10:30 CIPS Data Analysis Seminar

**Maria Daghofer (Universität Graz)**

***Perfect Tempering***

3.5.2002 10:45 CIPS LTPP Seminar

**Shota Nunomura (MPE)**

***Phonon spectrum in plasma crystals***

3.5.2002 9:00 IPP Institutskolloquium

**Prof. Simon White (Max-Planck-Institut für Astrophysik, Garching)**

***Growth of structure in the universe***

2.5.2002 12:30 CIPS EFS Seminar

## **Discussion**

2.5.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Matthias Meier** (IPP)

***Bose-Einstein-Kondensate***

29.4.2002 10:30 *Oberflächen-Seminar MF*

**Peter Bauer** (Johannes Kepler Universität Linz)

***TOF-LEIS: Was können wir von den Neutralen lernen?***

29.4.2002 10:30 *CIPS Data Analysis Seminar*

**Fabrizia Guglielmetti** (IPP)

***ROSAT Data Analysis II***

26.4.2002 10:45 *CIPS LTPP Seminar*

**Sergei Zhdanov** (MEPHI, Moscow, Russia)

***Solitons, chaos induced by intense wave, 'Crystallisation' of the paramagnetic particles***

26.4.2002 9:00 *IPP Institutskolloquium*

25.4.2002 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Bruce Scott** (IPP)

***Energetics of the Interaction between Zonal Flows and Drift Wave Turbulence***

25.4.2002 12:30 *CIPS EFS Seminar*

**Manfred Scholer** (MPE)

***The structure of collisionless shocks***

25.4.2002 8:30 *PWW-Seminar MF*

**Achim von Keudell** (IPP)

***Reisebericht: "Chelsea Conference on Amorphous Semiconductors and thin films."***

24.4.2002 12:15 *ASDEX Upgrade Seminar*

**D. Campbell**

***Burning Plasma Physics in ITER***

22.4.2002 12:30 *ASDEX Upgrade Seminar*

**Francisco Tabares** (CIEMAT, Madrid)

***On the possible control of C/D film redeposition by N<sub>2</sub> injection in divertors***

22.4.2002 10:30 *CIPS Data Analysis Seminar*

**Fabrizia Guglielmetti** (IPP)

**ROSAT Data Analysis**

19.4.2002 10:45 CIPS LTPP Seminar

**Achim von Keudell** (IPP)

**$\alpha$ -Si:H growth**

19.4.2002 9:00 IPP Institutskolloquium

**Dr. Volker Rohde** (IPP)

**Wolfram als Wandmaterial im Tokamak ASDEX Upgrade**

18.4.2002 12:30 CIPS EFS Seminar

**Discussion**

18.4.2002 8:30 PWW-Seminar MF

**Matej Mayer** (IPP)

**Erosion und Redeponierung am Textor Hauptlimiter**

17.4.2002 12:30 Tokamakphysik Kaffeeseминаr

**Prof. Edith Borie** (Forschungszentrum Karlsruhe)

**Computation of RF Behavior in Gyrotrons**

15.4.2002 10:30 Oberflächen-Seminar MF

**Olga Ogorodnikova** (IPP)

**Influence of thin oxide films on the deuterium retention in W**

12.4.2002 9:00 IPP Institutskolloquium

**Dr. Peter Awakowicz** (Institut für Technische Elektrophysik, TU München)

**Diagnostik und Modellierung induktiv gekoppelter HF-Entladungen im Niederdruckbereich**

11.4.2002 12:30 CIPS EFS Seminar

**Discussion**

9.4.2002 12:15 ASDEX Upgrade Seminar

**T. S. Hahm** (Princeton PPPL)

**Physics behind Transport Barrier Theories: What happened to electron thermal transport?**

8.4.2002 14:00 IPP Institutskolloquium

**Theresa Velden** (ZIM)

**Innovationen der wissenschaftlichen Kommunikation - Das Heinz-Nixdorf-Zentrum für Informationsmanagement (ZIM)**



8.4.2002 10:30 *Oberflächen-Seminar MF*

**Robert Beikler, Klaus Schmid** (IPP)

***R. Beikler: Reisebericht DPG Tagung - Klaus Schmid: Untersuchung der Temperaturabhängigkeit der Erosion von Wolfram durch Kohlenstoff***

5.4.2002 10:45 *CIPS LTPP Seminar*

(no talk)

5.4.2002 9:00 *IPP Institutskolloquium*

4.4.2002 12:30 *CIPS EFS Seminar*

***Discussion***

4.4.2002 12:15 *ASDEX Upgrade Seminar*

**E. Poli**

***Monte Carlo delta-f simulation of the current driving the neoclassical tearing mode***

3.4.2002 12:15 *ASDEX Upgrade Seminar*

**G. Tardini**

***Theory based modeling of ASDEX Upgrade discharges***

29.3.2002 10:45 *CIPS LTPP Seminar*

(no talk)

29.3.2002 9:00 *IPP Institutskolloquium*

28.3.2002 12:30 *CIPS EFS Seminar*

***Discussion***

28.3.2002 8:30 *PWW-Seminar MF*

**Roth, Jacob, Krieger** (IPP)

***Bericht vom JET Task Force E Meeting "Meeting on Erosion and Deposition and Related Modelling Activities"***

25.3.2002 14:15 *CIPS LTPP Seminar*

**Prof. V. N. Tsytovich** (Russian Academy of Science Moscow)

## ***Waves in Complex Plasmas***

25.3.2002 10:30 *Oberflächen-Seminar MF*

**Manfred Groh** (IPP)

***Kalibriermessungen am Tandem-Beschleuniger***

22.3.2002 10:45 *CIPS LTPP Seminar*

**Yiorgis GOZADINOS** (CPAT-CNRS, Univ. P. Sabatier)

***Numerical simulation of complex plasmas***

22.3.2002 9:00 *IPP Institutskolloquium*

21.3.2002 12:30 *CIPS EFS Seminar*

### ***Discussion***

15.3.2002 10:45 *CIPS LTPP Seminar*

**Matthias Meier** (IPP)

***Bayesian analysis: Doing measurements on the data***

15.3.2002 9:00 *IPP Institutskolloquium*

**Dr. Udo von Toussaint** (IPP)

***Weltraumerkundung mit Bayesscher Wahrscheinlichkeitstheorie***

14.3.2002 12:15 *CIPS EFS Seminar*

### ***Discussion***

14.3.2002 12:15 *ASDEX Upgrade Seminar*

**A. Peeters**

***Current understanding of heat transport in fusion plasma***

13.3.2002 13:00 *ASDEX Upgrade Seminar*

**V. Rohde**

***Wolfram als Wandmaterial im Tokamak ASDEX Upgrade***

11.3.2002 14:15 *CIPS LTPP Seminar*

**Prof. V. N. Tsytovich** (Russian Academy of Science Moscow)

***Structures in Complex Plasmas***

11.3.2002 10:30 *CIPS Data Analysis Seminar*

**Udo von Toussaint** (IPP)

## ***Inverse Probleme und Superresolution***

8.3.2002 10:45 CIPS LTPP Seminar

**Achim vom Keudell** (IPP)

***Introduction to modeling of low-temperature plasmas***

8.3.2002 9:00 IPP Institutskolloquium

**Dr. Volker Quaschnig** (Deutsches Zentrum für Luft- und Raumfahrt (DLR)

Plataforma Solar de Almeria (PSA), Spanien)

***Erneuerbare Energien für Deutschland -***

***Klimaverträgliche Perspektiven der Elektrizitätsversorgung***

5.3.2002 12:30 Tokamakphysik Kaffeeseminar

**Bruce Scott** (IPP)

***The Nonlinear Drift Wave Instability and its Role in Tokamak Edge Turbulence***

4.3.2002 10:30 CIPS Data Analysis Seminar

**Harald Atmanspacher** (IGPP Freiburg)

***Mentale Repräsentationen als stabile Kategorien***

1.3.2002 13:00 Bereichsseminar Materialforschung

**Elena de Juan Pardo** (IPP)

***Characterisation of Doped Graphites: First Results***

1.3.2002 10:45 CIPS LTPP Seminar

**S. Ratynskaia** (University of Tromsø)

***Electric probe methods: Applications to measurement of anomalous flux densities in magnetized plasmas***

1.3.2002 9:00 IPP Institutskolloquium

**Prof. Dr.-Ing. Alfred Voß** (Institut für Energiewirtschaft und Rationelle Energieanwendung, Universität Stuttgart)

***Nachhaltige Entwicklung: Energieversorgungsoptionen auf dem Prüfstand***

28.2.2002 12:30 CIPS EFS Seminar

## ***Discussion***

28.2.2002 10:30 CIPS Data Analysis Seminar

**Harald Atmanspacher** (IGPP Freiburg)

***Stabilität in dynamischen Systemen***

25.2.2002 10:30 Oberflächen-Seminar MF

**Konrad Klages** (IPP)

*D -> Be (Literaturbericht)*

22.2.2002 10:45 CIPS LTPP Seminar

**M. Bauer** (IPP)

*Inductively coupled plasmas II*

22.2.2002 9:00 IPP Institutskolloquium

**Dr. Andreas Erb** (Walther-Meissner-Institut für Tieftemperaturforschung, Bayerische Akademie der Wissenschaften)

*MgB<sub>2</sub> - ein 39 K Supraleiter aus dem Chemiegroßhandel*

21.2.2002 15:00 CIPS Colloquium

**Prof. Dr. Alexander Piel** (Christian-Albrechts-Universität Kiel)

*Waves in complex plasmas*

21.2.2002 12:30 CIPS EFS Seminar

**Discussion**

21.2.2002 8:30 PWW-Seminar MF

**Christian Hopf** (IPP)

*Messungen zur synergistischen Erosion von  $\alpha$ -C:H mit niederenergetischen Ar-Ionen und atomarem Wasserstoff*

19.2.2002 13:15 W7AS-Seminar

**Michael Endler** (Videoübertragung aus Greifswald)

*The spatial structure of edge fluctuations in the Wendelstein 7-AS stellarator (Vorstellung des Artikels von J. Bleuel et al.)*

18.2.2002 10:30 CIPS Data Analysis Seminar

**O. Kardaun** (IPP)

*Elements of Abstract Mathematics and the Foundation of Probability Theory II*

18.2.2002 10:30 Oberflächen-Seminar MF

**Robert Beikler** (IPP)

*Chemisches Gleichgewicht*

15.2.2002 10:45 CIPS LTPP Seminar

**M. Bauer** (IPP)

*Inductively coupled plasmas I*

15.2.2002 9:00 IPP Institutskolloquium

**Prof. Dr. Peter Richter** (Universität Bremen)

## ***Chaos im Sonnensystem***

14.2.2002 15:00 *CIPS Colloquium*

**Lorenz Ratke** (Deutsches Zentrum f. Luft- und Raumfahrt)

***Aerogels - ultralight materials with extreme properties***

14.2.2002 12:30 *CIPS EFS Seminar*

## ***Discussion***

11.2.2002 10:30 *CIPS Data Analysis Seminar*

**O. Kardaun** (IPP)

***Elements of Abstract Mathematics and the Foundation of Probability Theory***

11.2.2002 10:30 *Oberflächen-Seminar MF*

**Christian Linsmeier** (IPP)

***Phasendiagramme***

8.2.2002 9:00 *IPP Institutskolloquium*

**Dr. Horst Wobig** (IPP)

***Die Stellaratorexperimente am IPP - ein Überblick***

7.2.2002 15:00 *CIPS Colloquium*

**Dr. Stephan Rudolf** (Universität Stuttgart, Institut für Statik und Dynamik der Luft- und Raumfahrtkonstruktionen (ISD))

***On some new and interdisciplinary applications of classical similarity theory***

7.2.2002 12:30 *CIPS EFS Seminar*

## ***Discussion***

7.2.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Martin Bauer** (IPP)

***Neuere Trends in der Halbleitertechnologie***

4.2.2002 15:00 *CIPS Colloquium*

**Prof. V. Fortov** (Russian Academy of Science)

***Pressure ionization and dielectrization of non-ideal plasmas at MBars***

4.2.2002 10:30 *Oberflächen-Seminar MF*

**Almut Wiltner** (IPP)

***Electron-stimulated Desorption***

1.2.2002 10:45 *CIPS LTPP Seminar*

**B. Klumov** (MPE)

***Ionization properties of the dusty atmosphere***

1.2.2002 9:00 *IPP Institutskolloquium*

**Dr. Jürg Schweizer** (Eidgenössisches Institut für Schnee- und Lawinenforschung, Davos, Schweiz)

***Schneemechanik und Lawinenbildung***

31.1.2002 15:00 *CIPS Colloquium*

**Meier** (Univ. Zurich)

31.1.2002 12:30 *CIPS EFS Seminar*

**J.-M. Griessmeier** (Universität Bayreuth)

***"Existence and energy of hole equilibria in a Vlasov-Poisson system"***

31.1.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. T. Kompaniets** (St. Petersburg State University)

***Interaction of hydrogen with pyrolytic graphite***

28.1.2002 10:30 *CIPS Data Analysis Seminar*

**R. Monetti** (Department of Physics der Bar-Ilan University (Israel))

***Characterization of the Sea Surface Temperature Persistence***

25.1.2002 10:45 *CIPS LTPP Seminar*

**V. Tsytoich** (Russian Academy of Science)

***Collective dust attraction***

25.1.2002 9:00 *IPP Institutskolloquium*

**Prof. Dr. Karl Lackner** (EFDA)

***A long-term fusion strategy in Europe***

24.1.2002 15:00 *CIPS Colloquium*

**Dr. Ullrich Schramm** (LMU München)

***Crystalline electron and ion beams***

24.1.2002 13:00 *Tokamakphysik Kaffeeseminar*

**Dr. Andreas Bergmann** (IPP)

***Driftkinetische Berechnung des Ionenstroms in rotierenden Inseln***

24.1.2002 12:30 *CIPS EFS Seminar*

***Discussion***

21.1.2002 10:30 *Oberflächen-Seminar MF*

**Christian Linsmeier** (IPP)

***Hatano et al., W + C Reaction (Literaturbericht)***

18.1.2002 13:00 *Bereichsseminar Materialforschung*

**Dr. Ekkehard Pasch** (IPP, E3)

***Grundlegende Untersuchungen zur plasmachemischen Behandlung von Grafitfasern***

18.1.2002 10:45 *CIPS LTPP Seminar*

**M. Kretschmer** (MPE)

***'CASSE' - acoustic investigation of a cometary surface***

18.1.2002 9:00 *IPP Institutskolloquium*

**Prof. Dr. Rudolf Mößbauer** (TU München)

***Neutrino Physics***

17.1.2002 12:30 *CIPS EFS Seminar*

***Discussion***

17.1.2002 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. Karl Krieger** (IPP)

***Wolfram Erosion und Migration im Hauptraum von ASDEX Upgrade***

11.1.2002 9:00 *IPP Institutskolloquium*

**Prof. Dr. Christian Toepffer** (Universität Erlangen-Nürnberg)

***Hydrogen Under Extreme Conditions***

10.1.2002 15:00 *CIPS Colloquium*

**A. Thess** (Ilmenau University of Technology)

***Industrielle Anwendungen der Magnetohydrodynamik zur Strömungsbeeinflussung in Werkstoffherstellungstechnologien***

10.1.2002 12:30 *CIPS EFS Seminar*

(IPP/MPE)

***Discussion***

9.1.2002 12:15 *ASDEX Upgrade Seminar*

**Werner Schabert** (Universität Augsburg)

***Investigation of intermittent transport events in toroidal confinement systems***

4.1.2002 0:00 *IPP Institutskolloquium*

28.12.2001 0:00 IPP Institutskolloquium

21.12.2001 9:00 IPP Institutskolloquium

**Dr. Peter Grigull** (IPP)

***Erste Insektivertor-Experimente im Stellarator W7-AS***

20.12.2001 11:00 Bereichsseminar Oberflächenphysik

**Klaus Schmid**

***Schalenmodell der Atomkerne***

17.12.2001 12:30 ASDEX Upgrade Seminar

**Dr. Jörg Hobirk**

***Neutral beam current drive in JT60U and ASDEX Upgrade***

17.12.2001 10:30 Oberflächen-Seminar MF

**Altmut Wiltner** (IPP)

***Thermodynamische Potentiale***

14.12.2001 12:30 Tokamakphysik Kaffeeseminar

**Dr. Erika Strumberger**

***2D and 3D MHD codes and their application to toklamaks***

14.12.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Ingo Rehberg** (Universität Bayreuth)

***Experimente zur Strukturbildung in komplexen Fluiden***

13.12.2001 15:00 CIPS Colloquium

**W. J. Goedheer** (FOM, Nieuwegein, NL)

***Self-consistent modeling of colloidal plasmas under micro-gravity conditions***

13.12.2001 13:00 Bereichsseminar Materialforschung

**Dr. Jeong-Ha You** (IPP)

***Fibre Reinforced Metal-Matrix Composites for Plasma-Facing Components - Modelling of the Mechanical Behaviour***

13.12.2001 12:30 CIPS EFS Seminar

**Wolf-Christian Müller** (CIPS/IPP)

***Die lokale Anisotropie homogener MHD-Turbulenz***

13.12.2001 11:00 Bereichsseminar Oberflächenphysik

**Dr. Thomas Schwarz-Selinger** (IPP / University of Illinois)



## ***Germanium Wachstum auf Laser texturiertem Silizium***

11.12.2001 10:30 *Oberflächen-Seminar MF*

**Klaus Schmid** (IPP)

***Wasserstoffatome***

10.12.2001 10:30 *CIPS Data Analysis Seminar*

**Thomas Aschenbrenner** (MPE)

***Zelluläre Automaten***

7.12.2001 10:45 *CIPS LTPP Seminar*

**H. Kang** (IPP)

***Bayesian analysis of mass spectra***

7.12.2001 9:00 *IPP Institutskolloquium*

**Prof. Dr. Günther Hasinger** (Max-Planck-Institut für Extraterrestrische Physik, Garching  
Astrophysikalisches Institut Potsdam )

***Röntgenstrahlung vom "Rand des Universums"***

6.12.2001 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. Wolf Mueller** (CIPS)

***Recent developments in the theory of magnetohydrodynamic turbulence***

6.12.2001 12:30 *CIPS EFS Seminar*

6.12.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. E. Kessels** (TU Eindhoven / Uni Marburg)

***Plasma Processes and the growth mechanism of plasma deposited thin films***

5.12.2001 12:15 *ASDEX Upgrade Seminar*

**Dr. A. V. Khudoleev** (A. F. Ioffe Physical-Technical Institute, St. Petersburg)

***Hydrogen and deuterium temperatures and density ratios in AUG ohmic and ECR heated discharges***

3.12.2001 12:30 *ASDEX Upgrade Seminar*

**Dr. M. Wanner**

***Status W7-X Aufbau***

3.12.2001 10:30 *CIPS Data Analysis Seminar*

**Volker Dose** (IPP)

***Radial basis functions***

3.12.2001 9:30 *Oberflächen-Seminar MF*

**Konrad Klages** (IPP)

***D-Beschuß von C, Ti, W***

30.11.2001 13:30 *IPP Institutskolloquium*

***Abschiedskolloquium für Dr. Dr. h.c. Edmund Taglauer***

30.11.2001 10:45 *CIPS LTPP Seminar*

**H. Rothermel** (MPE)

***Thermophoresis experiments***

30.11.2001 9:00 *IPP Institutskolloquium*

**Dr. Barbara Drossel** (TU München)

***Self-organized criticality is different***

29.11.2001 15:00 *CIPS Colloquium*

**H. Kersten** (EMAU, Greifswald)

***Technological aspects of complex plasmas***

29.11.2001 12:30 *CIPS EFS Seminar*

***Discussion***

29.11.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Prof. Fritz Aumayr** (TU Wien)

***Hohle Atome: Einfluss der potentiellen Energie bei der Ion-Oberflächen-Wechselwirkung***

29.11.2001 8:30 *PWW-Seminar MF*

**Gerrit van Wyk** (University of the Free State, Bloemfontein, Südafrika)

***Determination of Diffusion Coefficients by Segregation Measurements***

27.11.2001 10:30 *Oberflächen-Seminar MF*

**Robert Beikler** (IPP)

***Plasmaphysik-Grundlagen***

26.11.2001 12:30 *ASDEX Upgrade Seminar*

**Dr. W. Songtao** (Hefei Institute, China)

***Status of HT-7U Tokamak of China***

26.11.2001 10:30 *CIPS Data Analysis Seminar*

***Cancelled, no seminar!***

23.11.2001 0:00 *IPP Institutskolloquium*

22.11.2001 15:00 *CIPS Colloquium*

**B. U. O. Sonnerup** (Dartmouth College, New Hampshire, USA)

***Two-dimensional plasma and magnetic field structures: the inverse problem***

22.11.2001 12:30 *CIPS EFS Seminar*

***Discussion***

22.11.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Fabrizia Guglielmetti** (IPP)

***The Guide Star Catalog 2 and its applications to the Hubble Space Telescope***

22.11.2001 8:30 *PWW-Seminar MF*

**Achim von Keudell** (IPP)

***ISS as real-time in-situ diagnostic in glow discharges: potential and limitations***

21.11.2001 12:15 *ASDEX Upgrade Seminar*

**W. Suttrop**

***High density, high performance ELMy H-mode plasmas in JET***

19.11.2001 10:30 *Oberflächen-Seminar MF*

**Edmund Taglauer**

***Programmgestaltung***

16.11.2001 9:00 *CIPS LTPP Seminar*

**M. Thoma** (MPE)

***Physics of the quark-gluon plasma***

16.11.2001 9:00 *IPP Institutskolloquium*

**Dr. Markus Thoma** (MPE)

***Physics of the quark-gluon plasma***

15.11.2001 15:00 *CIPS Colloquium*

**J. Winter** (Ruhr Universität Bochum)

***Dust - a new challenge for fusion reasearch?***

15.11.2001 12:30 *CIPS EFS Seminar*

***Discussion***

15.11.2001 8:30 PWW-Seminar MF

**Bernhard Plöckl** (IPP)

***Turbopumpen - Standard OP***

12.11.2001 10:30 Oberflächen-Seminar MF

**Robert Beikler** (IPP)

***Promotionsvortrag***

12.11.2001 10:30 CIPS Data Analysis Seminar

**Volker Dose** (IPP)

***Weight priors for neural networks (II.)***

9.11.2001 10:45 CIPS LTPP Seminar

**V. Hadziavdic** (MPE)

***Particle tracing and system identification in a plasma crystal***

9.11.2001 9:00 IPP Institutskolloquium

**Dr. Georg Kühner** (IPP)

***Komplexitätsbewältigung bei der W7-X-Datenerfassung***

8.11.2001 13:15 ITED-Seminar

**P. Schubert** (Institut für Technische Elektrophysik, TUM)

***Modellierung von ICP Entladungen***

8.11.2001 12:30 CIPS EFS Seminar

***Discussion***

7.11.2001 12:15 ASDEX Upgrade Seminar

**R. Pugno**

***Plasma edge spectroscopy in ASDEX Upgrade***

5.11.2001 11:00 IPP Institutskolloquium

**Prof. Dr. Hans Ullmaier** (Institut für Festkörperforschung, Forschungszentrum Jülich)

***Spallation neutrons for testing fusion reactor materials?***

5.11.2001 10:30 CIPS Data Analysis Seminar

**Volker Dose** (CIPS/IPP)

***Weight priors for neural networks***

2.11.2001 0:00 IPP Institutskolloquium

29.10.2001 12:15 ASDEX Upgrade Seminar

**Dr. P. Lang**

***HFS Pellet Fuelling for High Density Tokamak Operation (Probenvortrag fuer Fukuoka, Nov. 2001)***

29.10.2001 10:30 Oberflächen-Seminar MF

**Robert Beikler, Edmund Taglauer (IPP)**

***Entstehung von Oberflächenlegierungen - von der Bronzezeit über Plutarch zur Nanowelt***

29.10.2001 10:30 CIPS Data Analysis Seminar

**Jung-Sik Yoon (CIPS/IPP)**

***Aktuelle Ergebnisse zur Rubin-Thompson-Streuung***

26.10.2001 10:45 CIPS LTPP Seminar

**T. Shimizu (MPE)**

***Electron temperature control and diamond growth in low-pressure RF plasmas***

26.10.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Erwin Frey (Hahn-Meitner-Institut, Berlin)**

***What is life?***

25.10.2001 14:30 ASDEX Upgrade Seminar

**H. Zohm**

***Analysis of Bootstrap Current Physics via NTM Behaviour in ASDEX Upgrade***

25.10.2001 14:00 ASDEX Upgrade Seminar

**M. Jakobi**

***Measurement of Fast Local Changes in Electron Temperature and Density by Thomson Scattering at ASDEX Upgrade***

22.10.2001 10:30 CIPS Data Analysis Seminar

**Volker Dose, Rainer Fischer (CIPS/IPP)**

***Konferenzbericht: "MaxEnt"***

22.10.2001 10:30 Oberflächen-Seminar MF

**Altmut Wiltner, Robert Beikler (IPP)**

***C/Fe - Diskussion, Reisebericht***

19.10.2001 10:45 CIPS LTPP Seminar

**G. Joyce (Naval Research Lab., Washington DC (USA))**

***Instability Triggered Dust Heating***

19.10.2001 0:00 IPP Institutskolloquium

18.10.2001 15:00 *CIPS Colloquium*

**Glenn Joyce** (Naval Research Lab., Washington DC (USA))

***DSD - A Particle Simulation Code for Modeling Dusty Plasmas***

18.10.2001 12:30 *CIPS EFS Seminar*

**Rudolf Treumann** (CIPS/MPE)

***Mirror Moden als supraleitende Objekte***

15.10.2001 10:30 *CIPS Data Analysis Seminar*

**Christoph R ath** (CIPS/MPE)

***Konferenzbericht: "Astrostatics"***

12.10.2001 10:45 *CIPS LTPP Seminar*

**Richard Quinn** (MPE)

***Estimation of the inter-particle potential from measurements of particles' dynamics***

12.10.2001 9:00 *IPP Institutskolloquium*

**Dr. Rainer Fischer** (IPP)

***Neue Entwicklungen in der Datenanalyse***

11.10.2001 15:00 *CIPS Colloquium*

**PD Dr.Dr.habil. Gustavo Deco** (Siemens Corporate Research)

***The Computational Neuroscience of Visual Attention***

11.10.2001 12:45 *ASDEX Upgrade Seminar*

**V. Plyusnin** (Instituto Superior Technico, Lissabon, Portugal)

***Investigations of the fast particle dynamics at the presence of the internal relaxations (sawteeth) and disruptive instability***

11.10.2001 12:30 *CIPS EFS Seminar*

***Discussion***

11.10.2001 12:15 *ASDEX Upgrade Seminar*

**F. Salzedas** (Instituto Superior Technico, Lissabon, Portugal)

***Proposal to study fast plasma events during energy quench of ASDEX Upgrade major disruptions***

11.10.2001 8:30 *PWW-Seminar MF*

**Edmund Taglauer** (IPP)

***Reisebericht  ber Sandia Livermore***

9.10.2001 12:30 *Tokamakphysik Kaffeeseminar*

**Dirk Naujoks** (IPP Berlin)

***Ladungsabschirmung und Ionen-Einschluss in einer Plasmasäule***

8.10.2001 14:00 *IPP Institutskolloquium*

**Dr. David Coster** (IPP)

***Edge physics on JET and ASDEX Upgrade***

8.10.2001 10:30 *CIPS Data Analysis Seminar*

**Roland Preuss** (CIPS/IPP)

***Konferenzbericht: "MCMC-Methoden"***

5.10.2001 16:30 *Doktorandenkolloquium*

**Nils Basse**

***Turbulence in Wendelstein 7-AS Plasmas Measured by Collective Light Scattering***

5.10.2001 16:10 *Doktorandenkolloquium*

**Christiane Schröder**

***Synchronization of Drift Waves***

5.10.2001 15:50 *Doktorandenkolloquium*

**Christian Franck**

***Experiments on High Density Helicon Discharges***

5.10.2001 15:30 *Doktorandenkolloquium*

**Markus Götz**

***Mathematische Untersuchungen einer Differentialgleichung zur Beschreibung eines Gyrotrons***

5.10.2001 14:50 *Doktorandenkolloquium*

**Volodymyr Bobkov**

***Studies of ICRF antenna voltage limits near plasma boundary***

5.10.2001 14:30 *Doktorandenkolloquium*

**Ingo Altmann**

***Untersuchungen zur Silizium-Verteilung vor der Probe in einem Plasma-Freistrahler***

5.10.2001 14:00 *Doktorandenkolloquium*

**Bernd Heger**

***Methoden zur Bestimmung der Besetzungsmechanismen von molekularem Wasserstoff und Deuterium in Niedertemperaturplasmen***

5.10.2001 13:40 *Doktorandenkolloquium*

**Si-Woo Yoon**

***B2.5 Modelling of Carbon Transport in ASDEX Upgrade***

5.10.2001 13:20 *Doktorandenkolloquium*

**Bernd Koch**

*Energiefluss in der Plasmarandschicht*

5.10.2001 12:00 *Doktorandenkolloquium*

**Andreas Meixner**

*Speckle-Interferometrie zur Formerfassung technischer Oberflächen unter industriellen Umgebungsbedingungen*

5.10.2001 11:40 *Doktorandenkolloquium*

**Markus Biberacher**

*Entwicklung von Netzstrukturen mit Hilfe evolutionärer Methoden*

5.10.2001 11:20 *Doktorandenkolloquium*

**Stephan Richter**

*Zukünftige urbane Energiesysteme -- Untersuchung am Beispiel der Stadt Augsburg*

5.10.2001 11:00 *Doktorandenkolloquium*

**Oliver Kugeler**

*Photo-Auger-Elektronenkoinzidenzen an Distickstoffmonoxid*

5.10.2001 10:40 *Doktorandenkolloquium*

**Simon Marburger**

*Measurement of the ICD Effect: A Special Kind of Auger Decay in Clusters*

5.10.2001 10:00 *Doktorandenkolloquium*

**Stefan Meir**

*änderung der Plasmaparameter durch Einbringen verschiedener Oberflächen in Wasserstoffplasmen*

5.10.2001 9:40 *Doktorandenkolloquium*

**Patrick Starke**

*Experimenteller Aufbau und erste Ergebnisse zur chemischen Erosion in Niederdruckplasmen*

5.10.2001 9:20 *Doktorandenkolloquium*

**Christian Hopf**

*Gleichzeitige Wechselwirkung von Ionen und Radikalen auf wachsenden  $\alpha$ -C:H-Schichten*

5.10.2001 9:00 *Doktorandenkolloquium*

**Matthias Meier**

*Wechselwirkung von Kohlenwasserstoffradikalen mit  $\alpha$ -C:H Oberflächen*

5.10.2001 8:40 *Doktorandenkolloquium*



**Konstantin Matyash**  
*Modelling of Laboratory Methane Plasma*

5.10.2001 8:20 *Doktorandenkolloquium*

**Martin Bauer**  
*Aufbau eines Experiments zum Studium der Schichtdeposition in gepulsten Plasmen*

5.10.2001 0:00 *IPP Institutskolloquium*

4.10.2001 17:00 *Doktorandenkolloquium*

**Klaus Schmid**  
*Einfluss von Diffusion und strahlungsinduzierter Sublimation auf die Erosion von Wolfram durch Kohlenstoff*

4.10.2001 16:40 *Doktorandenkolloquium*

**Konrad Klages**  
*Hydrogen in Mixed Materials: First Results*

4.10.2001 16:20 *Doktorandenkolloquium*

**Davide Valenza**  
*Thermo-mechanical Test of Boron Carbide and Silicon-Boron Carbide Coatings for the First Wall of the Wendelstein 7-X Fusion Experiment*

4.10.2001 16:00 *Doktorandenkolloquium*

**Carmen Popescu**  
*Metal Matrix Development for Composite Materials-- First Results*

4.10.2001 15:40 *Doktorandenkolloquium*

**Almut Wiltner**  
*Thermisch induzierte Carbidbildung auf Eisen*

4.10.2001 15:00 *Doktorandenkolloquium*

**Stefan Bäuml**  
*ECE Imaging*

4.10.2001 14:30 *Doktorandenkolloquium*

**Francesco Volpe**  
*Messung von Elektronentemperaturprofilen aus der Elektron-Bernstein-Emission*

4.10.2001 14:00 *Doktorandenkolloquium*

**Henning Thomsen**  
*Experimental Studies on the Parallel Dynamics in Plasma Edge Turbulence*

4.10.2001 13:40 *Doktorandenkolloquium*

**Martin Schubert**

***Fast Swept Langmuir Probe Measurements in W7-AS***

4.10.2001 13:20 *Doktorandenkolloquium*

**Sven Niedner**

***Mikrostruktur der Turbulenz in magnetisierten Plasmen***

4.10.2001 12:30 *CIPS EFS Seminar*

***Discussion***

4.10.2001 12:00 *Doktorandenkolloquium*

**Roman Kochergov**

***Wave Equation for Low Frequency Instabilities of Inhomogeneous Plasmas***

4.10.2001 11:40 *Doktorandenkolloquium*

**Valentin Igochine**

***Interpretation of MHD Activities in Advanced Scenarios and Conventional Scenarios***

4.10.2001 11:20 *Doktorandenkolloquium*

**Yong-Su Na**

***Simulation of Advanced Scenarios in ASDEX Upgrade***

4.10.2001 11:00 *Doktorandenkolloquium*

**Philipp Lauber**

***Numerical Solution of the Linear Gyrokinetic Equation in Realistic Tokamak Geometry***

4.10.2001 10:40 *Doktorandenkolloquium*

**Neil McTaggart**

***Modelling Electron Heat Conduction in the Scrape-Off Layer***

4.10.2001 10:00 *Doktorandenkolloquium*

**Stefan Klenge**

***Messung der Plasmarotation beim Aufbau von Transportbarrieren durch Doppler-Reflektometrie***

4.10.2001 9:40 *Doktorandenkolloquium*

**Giovanni Tardini**

***Theory-Based Modelling of EC Heated Discharges***

4.10.2001 9:20 *Doktorandenkolloquium*

**Stefano Riondato**

***The Resistive Wall and the CASTOR Code***

4.10.2001 9:00 Doktorandenkolloquium

**Alexander Keller**

***First Results of the Data Analysis for the NTM On-line control System***

4.10.2001 8:40 Doktorandenkolloquium

**Anja Mück**

***Untersuchung der Sägezahninstabilität anASDEX Upgrade***

4.10.2001 8:20 Doktorandenkolloquium

**Doris Merkl**

***Untersuchung radialer elektrischer und poloidalermagnetischer Felder mittels translatorischem(motional) Starkeffekt***

2.10.2001 12:15 ASDEX Upgrade Seminar

**V. Igochine**

***Interpretation of MHD Activities in Advanced Scenarios and Conventional Scenarios***

1.10.2001 12:30 ASDEX Upgrade Seminar

**F. Meo**

***Progress Report on Current Drive Using ICRF on ASDEX Upgrade***

28.9.2001 12:15 ASDEX Upgrade Seminar

**F. Albajar** (Dipartimento di Fisica "A. Volta", Università di Pavia)

***Electron Cyclotron Radiation Transfer in Fusion Plasmas***

28.9.2001 9:00 IPP Institutskolloquium

**Dr. Jörg Stober** (IPP)

***Entwicklung der Dichteprofile von H-mode-Plasmen in ASDEX Upgrade***

26.9.2001 8:30 PWW-Seminar MF

**Klaus Schmid** (IPP)

***Reisebericht über SMMIB 2001 Conference in Marburg***

21.9.2001 0:00 IPP Institutskolloquium

20.9.2001 12:30 CIPS EFS Seminar

***Diskussion***

17.9.2001 12:30 ASDEX Upgrade Seminar

## **V. Igochine**

### ***Interpretation of MHD Activities in Advanced Scenarios and Conventional Scenarios***

14.9.2001 14:00 *IPP Institutskolloquium*

### ***Abschiedskolloquium für Dr. Dieter Biskamp***

14.9.2001 0:00 *IPP Institutskolloquium*

4.9.2001 12:30 *Tokamakphysik Kaffeeseminar*

**Yas Nishimura** (IPP)

### ***Edge transport studies by turbulence and Braginskii divertor codes***

4.9.2001 9:00 *Tokamakphysik Kaffeeseminar*

**Kurt Borraß** (IPP)

### ***Natural density formation as an H-mode operational limit***

29.8.2001 12:15 *ASDEX Upgrade Seminar*

**Jörg Hobirk**

### ***Measurement of the poloidal magnetic and radial electric field at ASDEX Upgrade and JET***

16.8.2001 12:30 *CIPS EFS Seminar*

### ***Discussion***

6.8.2001 10:30 *Oberflächen-Seminar MF*

**Christian Linsmeier** (IPP)

### ***Influence of support and promotor on the catalytic activity of Rh/VO<sub>x</sub>/SiO<sub>2</sub> model catalysts***

2.8.2001 12:30 *CIPS EFS Seminar*

**Dr. Sugiyama** (MPE)

30.7.2001 10:30 *Oberflächen-Seminar MF*

### ***Kein Vortrag***

26.7.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Christian Hopf** (IPP)

### ***Kernspintomographie***

24.7.2001 13:15 W7AS-Seminar

**H. Weizner** (Courant Institute (New York University))

***Some Comments Concerning the QPS (Quasi Poloidal Stellarator) Proposal***

23.7.2001 12:15 ASDEX Upgrade Seminar

**Kevin B. Fournier** (Lawrence Livermore Nat'l. Lab.)

***Characterization of Time Resolved, Buried Layer Plasmas Produced by Ultrashort Laser Pulses***

23.7.2001 9:30 Oberflächen-Seminar MF

**Robert Beikler** (IPP)

***Surface Segregation of Ordered Alloys Studied by Low-Energy Ion Scattering - the Example CuAu***

20.7.2001 13:15 W7AS-Seminar

**Jost-Henrich Feist** (IPP Teilinstitut Greifswald)

***Status von W7-X Aufbau (II)***

20.7.2001 10:45 CIPS LTPP Seminar

**Martin Bauer** (IPP)

***Deposition of thin films from pulsed RF plasmas***

20.7.2001 9:00 Tokamakphysik Kaffeeseminar

**A. Boozer**

***Resistive wall modes***

19.7.2001 12:30 CIPS EFS Seminar

***Discussion***

19.7.2001 11:00 Bereichsseminar Oberflächenphysik

**Peter Grigull** (IPP)

***First Island Divertor Experiments on the W7-AS Stellarator***

19.7.2001 8:15 PWW-Seminar MF

**Achim von Keudell** (IPP)

***Bericht über Symposium "ISPC 15" in Orléans***

18.7.2001 12:15 ASDEX Upgrade Seminar

**Volodymyr Bobkov**

***ICRF probe experiment on midplane manipulator***

18.7.2001 10:30 Tokamakphysik Kaffeeseminar

**Monica Apostoliceanu** (Armagh Observatory UK)

***Dynamics and Energetics in the Solar Plasma***

16.7.2001 12:15 ASDEX Upgrade Seminar

**Jean-Marie Noterdaeme**

***Toroidal plasma rotation with ICRF on JET***

16.7.2001 10:30 Oberflächen-Seminar MF

**Klaus Schmid (IPP)**

***Die Boltzmann-Mantano-Methode***

16.7.2001 10:30 CIPS Data Analysis Seminar

**Dr. Roland Preuss (IPP/CIPS)**

***Reisebericht ueber Workshop 'Time series analysis' in Arrabida/Portugal 2.-6.7.01***

13.7.2001 10:45 CIPS LTPP Seminar

***No Talk (ISPC Conference)***

13.7.2001 10:30 Tokamakphysik Kaffeeseminar

**Prof. S. Pickenhain (Technische Universität Cottbus)**

***Anwendung der Steuerungstheorie auf Probleme der Geometrie***

13.7.2001 9:00 IPP Institutskolloquium

**Dr. Ian Cook (UKAEA, Culham)**

***Safety and environmental impact of fusion power stations***

12.7.2001 15:00 CIPS Colloquium

**Dr. Ariel Caticha (University at Albany-SUNY, USA)**

***Consistency and the Inevitability of Quantum Theory***

12.7.2001 12:30 CIPS EFS Seminar

***Discussion***

12.7.2001 11:00 Bereichsseminar Oberflächenphysik

**Konrad Klages (IPP)**

***Hochauflösende Teleskope***

12.7.2001 8:30 PWW-Seminar MF

**J. Roth (IPP)**

***Bericht IAEA, Wien***

11.7.2001 12:15 ASDEX Upgrade Seminar

**Giovanni Tardini**

***Theory based modeling of power modulated ECR heated AUG discharges***

9.7.2001 12:40 ASDEX Upgrade Seminar

**Nils B. Basse** (Risoe National Laboratory, H. C. Oersted Institute, Niels Bohr Institute for Astronomy, Physics and Geophysics, Denmark)

***LOTUS: A Short Wavelength Density Fluctuation Diagnostic on W7-AS, design studies for implementation on ASDEX Upgrade***

9.7.2001 12:15 ASDEX Upgrade Seminar

**H. Bindslev** (FOM Instituut voor Plasmafysica-Rijnhuizen, The Netherlands)

***Fast ion dynamics measured by collective Thomson scattering***

9.7.2001 10:30 Oberflächen-Seminar MF

**Edmund Taglauer** (IPP)

***Focusing and Neutralisation Effects in LEIS Analysis of Single Crystal Surfaces***

9.7.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Ariel Caticha** (Department of Physics, University at Albany-SUNY, USA)

***Entropy on alpha - some recent results***

6.7.2001 10:45 CIPS LTPP Seminar

**Edward Thomas** (Physics Department, Auburn University)

***Dust particle velocity measurements in a DC glow discharge.***

6.7.2001 0:00 IPP Institutskolloquium

5.7.2001 11:00 Bereichsseminar Oberflächenphysik

**Christoph Klein** (Forschungszentrum Rossendorf, Institut für Ionenstrahlphysik und Materialforschung)

***Hochauflösende Rutherford-Ionenstreuung mit schweren Ionen***

5.7.2001 8:30 PWW-Seminar MF

**Bernhard Plöckl und Thomas Dürbeck** (IPP)

***Arbeitsschutz-Belehrung und Gefahrstoff-Unterweisung (Wiederholung)***

2.7.2001 13:15 ASDEX Upgrade Seminar

**Robert Wolf**

***IPP participation in the JET programme***

2.7.2001 12:15 ASDEX Upgrade Seminar

**Hartmut Zohm**

***Recent Results from ASDEX Upgrade***

2.7.2001 10:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Ariel Caticha** (Department of Physics, University at Albany-SUNY, USA)

***Lecture 4: Using entropy to select models***

2.7.2001 10:30 *IPP Institutskolloquium*

**Dr. Holger Eißfeller** (Deutsche Genossenschaftsbank AG, Frankfurt am Main)

***Physik und Kapitalmärkte***

29.6.2001 10:45 *CIPS LTPP Seminar*

**Christian Hopf** (IPP)

***Ion radical synergism in  $\alpha$ -C:H growth***

29.6.2001 0:00 *IPP Institutskolloquium*

28.6.2001 15:00 *CIPS Colloquium*

**Dr. Ursel Fantz** (Universität Augsburg)

***Diagnostics of hydrogen plasmas and plasma wall interaction in low pressure discharges***

28.6.2001 12:30 *CIPS EFS Seminar*

28.6.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Matthias Meier** (IPP)

***Nichtlineare Dynamik und deterministisches Chaos***

28.6.2001 8:30 *PWW-Seminar MF*

**Matej Mayer** (IPP)

***Ionenstrahlanalyse an rauhen Oberflächen***

27.6.2001 13:15 *CIPS Data Analysis Seminar*

**V. Dose, R. Fischer** (IPP)

***Tagungsberichte: V. Dose: Bayesian Workshop Varenna, R. Fischer: Tagung Chemnitz***

26.6.2001 12:30 *Tokamakphysik Kaffeeseminar*

**Dr G.N. Throumoulopoulos** (Universität Ioannina)

***Exact Tokamak Equilibria with Sheared Flows***

22.6.2001 10:45 *CIPS LTPP Seminar*

**Sergey Krhapak** (MPE)

***Some theoretical results on structural properties and dynamical processes in complex plasmas***



22.6.2001 0:00 *IPP Institutskolloquium*

21.6.2001 15:00 *CIPS Colloquium*

**Dr. H.L. Harney** (MPI für Kernphysik, Heidelberg)

***Background Subtraction, Bayesian Inference and Quantum Logic***

21.6.2001 12:30 *CIPS EFS Seminar*

**Wolf-Christian Müller** (IPP)

***Large-Eddy-Simulationen von MHD-Turbulenz***

21.6.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Matej Mayer** (IPP)

***MeV-Ionenstrahlanalyse mit Lithium***

15.6.2001 10:45 *CIPS LTPP Seminar*

***No Talk (IPP holiday)***

15.6.2001 0:00 *IPP Institutskolloquium*

14.6.2001 11:00 *Bereichsseminar Oberflächenphysik*

13.6.2001 10:00 *Vortrag*

**Dr. W. Engelhardt**

***Eine Diskussion über die Lösungen der Maxwellschen Gleichungen***

12.6.2001 14:00 *CIPS LTPP Seminar*

**Frank Melandso** (University of Tromsø, Norway)

***Image processing and correlations studies of plasma crystals***

12.6.2001 13:15 *W7AS-Seminar*

**Probenvorträge EPS**

***\* Peter Grigull: First Island Divertor Experiments on the W7-AS Stellarator. -- \* Francesco***

***Volpe: Elektron Bernstein Emission Diagnostic of Electron Temperature Profiles at W7-AS. -- \****

***Heinrich Laqua: Electron Heat Transport for High Power Electron Cyclotron Heating at the***

***Wendelstein 7-AS Stellarator. -- \* Henning Thomsen: Modification of the Turbulence in the***

***Plasma Boundary of the Wendelstein 7-AS Stellarator Using Electric Probes***

12.6.2001 12:30 Tokamakphysik Kaffeeseминаr

**Dr. Linda Sugiyama** (MIT)

***Nonlinear Magnetic Reconnection Using M3D***

11.6.2001 15:00 ASDEX Upgrade Seminar

**Jörg Hobirk**

***High poloidal beta discharges at ASDEX Upgrade***

11.6.2001 14:15 ASDEX Upgrade Seminar

**Jörg Stober**

***Optimization of confinement, stability and power exhaust of the ELMy H-mode in ASDEX Upgrade***

11.6.2001 13:30 ASDEX Upgrade Seminar

**Francois Ryter**

***Experimental studies of electron transport***

11.6.2001 12:30 ASDEX Upgrade Seminar

**Maria E. Manso** (Instituto Superior Technico, Lissabon)

***Reflectometry in improved regimes on ASDEX Upgrade and perspectives for ITER***

11.6.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Ariel Caticha** (Department of Physics, University at Albany-SUNY, USA)

***Lecture 3: Using entropy to select priors and models***

8.6.2001 10:45 CIPS LTPP Seminar

**Gennady Fedosenko** (fmt - Forschungszentrum für Mikrostrukturtechnik, Bergische Universität Gesamthochschule Wuppertal)

***Plasmaunterstützte Abscheidung diamantähnlicher Schichten aus der Gasphase: Plasmawerkzeuge und Mechanismen***

8.6.2001 0:00 IPP Institutskolloquium

7.6.2001 15:00 CIPS Colloquium

**Prof. Ioannis Antoniou** (International Solvay Institutes, Brussels)

***Harmonic Analysis of Complex Systems***

7.6.2001 12:30 Tokamakphysik Kaffeeseминаr

**Dr. A. Bottino** (CRPP Lausanne)

***A global approach to the study of microinstabilities in experimental devices***

7.6.2001 11:00 Bereichsseминаr Oberflächenphysik

**Jörn Lützen** (Infineon AG, Dresden)  
*Halbleiterforschung in der Industrie*

6.6.2001 15:00 ASDEX Upgrade Seminar

**Thomas Eich** (Institut für Plasmaphysik, Forschungszentrum Jülich GmbH)  
*Divertor Thermographie in ELMy H-Mode Entladungen an JET*

6.6.2001 12:45 ASDEX Upgrade Seminar

**Wolfgang Suttrop**  
*Effect of heat flux and density variation on transport in ELMy H-modes*

6.6.2001 12:15 ASDEX Upgrade Seminar

**David Coster**  
*JET and ASDEX Upgrade Divertor Modelling*

1.6.2001 10:45 CIPS LTPP Seminar

**Paul Bryant** (MPE)  
*Langmuir probe measurements in weakly collisional RF plasmas*

31.5.2001 11:00 Bereichsseminar Oberflächenphysik

**Rupert Pfandzelter** (HU Berlin)  
*Analyse ultradünner Filme mit schnellen Ionen*

30.5.2001 13:15 ITED-Seminar

**Dr. Paul McNeely, IPP**  
*Development of a RF H- Ion Source for ITER*

30.5.2001 12:15 ASDEX Upgrade Seminar

**Marc Maraschek**  
*Density dependence of the onset of neoclassical tearing modes in H-mode and pellet-refuelled discharges in JET and ASDEX Upgrade*

29.5.2001 13:15 W7AS-Seminar

**A. I. Kislyakov** (A. F. Ioffe Physicaltechnical Institute, St.Petersburg, Russia)  
*Simulation of Neutral Particle Fluxes from ITER-FEAT Plasma*

28.5.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Ariel Caticha** (Department of Physics, University at Albany-SUNY, USA)  
*Lecture 2: Thermodynamic fluctuations and priors*

25.5.2001 0:00 IPP Institutskolloquium

24.5.2001 11:00 *Bereichsseminar Oberflächenphysik*

23.5.2001 12:15 *ASDEX Upgrade Seminar*

**Ralph Dux**

***Analysis of Impurity Behaviour in ITB discharges with Reversed Shear on JET***

22.5.2001 13:45 *W7AS-Seminar*

**Dr. H. Ehmler**

***Carbon Impurities in Wendelstein 7-AS during Divertor Operation Measured with Li-Beam Diagnostic***

22.5.2001 13:15 *W7AS-Seminar*

**Dr. I. Sidorenko**

***Monte Carlo Simulation of the Particle Flux in Stellarator Fields***

21.5.2001 10:30 *IPP Institutskolloquium*

**Prof. Dr. Lorenz Kramer** (Universität Bayreuth)

***Universelle Beschreibung von Übergängen in Nichtgleichgewichtssystemen***

21.5.2001 9:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Ariel Caticha** (Department of Physics, University at Albany-SUNY, USA)

***Is Physics a Special Case of Data Analysis: Lecture 1: Entropy - going beyond Shannon and Jaynes.***

18.5.2001 9:00 *IPP Institutskolloquium*

**Prof. Dr. Jürgen Flachsmeyer** (Universität Greifswald)

***Knoten und Verkettungen in Physik, Chemie und Biologie***

17.5.2001 15:00 *CIPS Colloquium*

**Iku Shinohara** (Inst. for Space and Astronautical Science, Tokyo)

***Lower hybrid waves in the magnetotail: Geotail observation and particle simulation***

17.5.2001 12:30 *CIPS EFS Seminar*

**Diskussion**

17.5.2001 11:00 *Bereichsseminar Oberflächenphysik*

**Hans-Ulrich Jäger** (Forschungszentrum Rossendorf)

***MD-Simulation der Bildung von ta-C-Schichten bei C+ Ionendeposition***

16.5.2001 12:15 *ASDEX Upgrade Seminar*

**Marcus Foley**

***Expansion of ASDEX Upgrade's real-time parameter recovery routine to include additional moments in the current profile***

15.5.2001 13:15 W7AS-Seminar

**Arkadi Kreter** (Institut für Plasmaphysik, FZ Jülich )

***Ladungsaustauschspektroskopie mit Hilfe eines Wasserstoffdiagnostikstrahls am Tokamak TEXTOR-94***

11.5.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Peter Fromherz** (Max-Planck-Institut für Biochemie, Martinsried)

***Microelectronics meets Molecular and Neurobiology***

10.5.2001 12:30 CIPS EFS Seminar

**Diskussion**

10.5.2001 11:00 Bereichsseminar Oberflächenphysik

9.5.2001 12:15 ASDEX Upgrade Seminar

**Peter Lang**

***Optimization of Pellet Szenarios for Long Pulse Fuelling to High Densities at JET***

8.5.2001 13:15 W7AS-Seminar

**Dr. L. Yao** (SWIP China)

***1. Present Status of the HL-2A Tokamak (ASDEX) in Chengdu, China. 2. A New Fuelling Method: Supersonic Molecular Beam Injection.***

7.5.2001 12:15 ASDEX Upgrade Seminar

**Bernd Kurzan**

***Neutral Beam Injection Induced Anisotropies in the Electron Velocity Distribution***

4.5.2001 14:30 Tokamakphysik Kaffeeseminar

**Tilmann Schmidt-Dannert** (Universität Heidelberg)

***Numerische Lösung der Poisson-Boltzmann-Gleichung***

4.5.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Wolfgang Schleich** (Universität Ulm)

***Atomoptik und Quantenchaos***

3.5.2001 12:30 Tokamakphysik Kaffeeseminar

**Ute Kraus** (Universität Tübingen)

***Simulationen turbulenter Scheiben und Jets***

3.5.2001 12:30 CIPS EFS Seminar

**Prof. J. LaBelle** (Dept. Phys. Astron., Dartmouth College, NH, USA)

***Fine Structure of Auroral Emission***

2.5.2001 13:45 ASDEX Upgrade Seminar

**Jürgen Gafert**

***Distribution of carbon impurity sources between low and high field side measured via Zeeman-Spectroscopy in JET***

2.5.2001 12:30 Tokamakphysik Kaffeeseminar

**T. S. Hahm** (Princeton University)

***Gyrokinetic studies of tokamak micro turbulence with zonal flows***

30.4.2001 10:30 CIPS Data Analysis Seminar

**Jung-Sik Yoon** (IPP)

***Surface spline fitting II***

27.4.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Roland Sauerbrey** (Institut für Optik und Quantenelektronik, Universität Jena)

***Wechselwirkung intensiver Laserfelder mit Materie***

26.4.2001 11:00 Bereichsseminar Oberflächenphysik

**Karl Krieger** (IPP)

***Wolfram als Wandmaterial in Asdex Upgrade***

25.4.2001 12:15 ASDEX Upgrade Seminar

**Garrard Conway**

***Turbulence Behavior during ITB prelude phase in JET***

24.4.2001 12:30 Tokamakphysik Kaffeeseminar

**Marco Brambilla**

***Selfconsistent Simulation of Heating and Current Drive in Tokamak Plasmas in the Ion Cyclotron Frequency Range***

23.4.2001 10:30 CIPS Data Analysis Seminar

**Jung-Sik Yoon** (IPP)

***Surface spline fitting***

23.4.2001 10:30 Oberflächen-Seminar MF

**Nicole Reinecke** (IPP)

***Adsorbatinduziert selbstorganisierende Nanostrukturen auf Cu(11n)-Oberflächen (Probenvortrag)***

20.4.2001 0:00 *IPP Institutskolloquium*

19.4.2001 11:00 *Bereichsseminar Oberflächenphysik*

13.4.2001 0:00 *IPP Institutskolloquium*

12.4.2001 11:00 *Bereichsseminar Oberflächenphysik*

10.4.2001 13:15 *W7AS-Seminar*

**Dr. David Mikkelsen** (PPPL USA)

***Overview of NCSX Design Studies***

9.4.2001 10:30 *CIPS Data Analysis Seminar*

**Dr. Christoph R ath** (MPE)

***Die Methode der Surrogatdaten in der Analyse von r umlichen Mustern***

9.4.2001 10:30 *Oberfl achen-Seminar MF*

**E. Taglauer, Ch. Linsmeier, K. Schmid** (IPP)

***Berichte DPG Hamburg***

6.4.2001 0:00 *IPP Institutskolloquium*

5.4.2001 12:30 *Tokamakphysik Kaffeeseminar*

**Winfried Feneberg**

***Hohe poloidale Rotation in Tokamaks, herleitet aus der L osung einer erweiterten kinetischen Gleichung mit Str omung***

5.4.2001 11:00 *Bereichsseminar Oberflächenphysik*

2.4.2001 10:30 *CIPS Data Analysis Seminar*

**Dr. Christoph R ath** (MPE)

***Die Methode der Surrogatdaten in der Analyse von r umlichen Mustern***

30.3.2001 10:00 W7AS-Seminar  
**Jost-Henrich Feist** (IPP Teilinstitut Greifswald)  
**Status von W7-X Aufbau**

30.3.2001 0:00 IPP Institutskolloquium

29.3.2001 15:00 ASDEX Upgrade Seminar  
**Jörg Hobirk**  
**First Results on High Poloidal Beta Discharges**

29.3.2001 12:30 Tokamakphysik Kaffeeseminar  
**Dr. Olgierd Dumbrajs** (Techn. Universität Helsinki )  
**Gyrotron-Gleichungen**

29.3.2001 11:00 Bereichsseminar Oberflächenphysik

27.3.2001 12:30 Tokamakphysik Kaffeeseminar  
**Bruce Scott**  
**Electrodynamic conservation properties of plasma/field systems**

26.3.2001 10:45 ASDEX Upgrade Seminar  
**Hans Werner Müller**  
**Improvement of edge density profile measurements with the Li-beam**

26.3.2001 10:30 CIPS Data Analysis Seminar  
**Dr. Christoph R ath** (MPE)  
**Die Methode der Surrogatdaten in der Analyse von Zeitreihen - Einf uhrung**

23.3.2001 9:00 IPP Institutskolloquium  
**Prof. Dr. Steve Cowley** (Imperial College, London)  
**The Origin of Magnetic Fields in the Universe**

22.3.2001 11:00 Bereichsseminar Oberflächenphysik  
**Nobuaki Noda** (National Institute for Fusion Science, Oroshi-cho, Toki-shi, Japan)  
**Recent LHD results and discussion on breathing mechanism**

22.3.2001 8:30 Bereichsseminar Oberflächenphysik  
**Achim von Keudell** (IPP)  
**Deposition von harten  $\alpha$ -C:H Schichten mit bis zu 100 nm/s**



20.3.2001 13:15 W7AS-Seminar

**Hartmut Ehmler**

***C(6+) density in W7-AS measured with Li-beam***

20.3.2001 10:00 Vortrag

**Dr. Yoshiyuki Asaoka** (Nuclear Energy Systems Department, Komae Research Laboratory)

***Commissioning of a DT Fusion Reactor without External Supply of Tritium***

19.3.2001 10:30 Oberflächen-Seminar MF

***Probenvorträge DPG***

16.3.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Peter Phlippen** (Institut für Sicherheitsforschung und Reaktortechnik,  
Forschungszentrum Jülich)

***Das südafrikanische Hochtemperaturreaktor-Projekt und die weitere Nutzung der Kernenergie***

15.3.2001 11:00 Bereichsseminar Oberflächenphysik

**Christian Linsmeier** (IPP)

***Bildung und Charakterisierung von Mischmaterialien***

14.3.2001 12:15 ASDEX Upgrade Seminar

**Remi Dumont** (CEA Cadarache/DRFC/SCCP)

***Current profile control by LH and EC waves: theory and experiments***

13.3.2001 13:15 W7AS-Seminar

**Francesco Volpe**

***Neue Ergebnisse der Elektron-Bernstein-Emissions-Diagnostik (EBE)***

9.3.2001 9:00 IPP Institutskolloquium

**Dr. Mitsuri Kikuchi** (JAERI Tokamak-60, Naka)

***JT-60U Modification Plan for Long Pulse Advanced Tokamak Research***

[Slides](#)

8.3.2001 12:15 ASDEX Upgrade Seminar

**M. Kikuchi** (Naka, JAERI, Japan)

***Report on the Technical Feasibility of Fusion Energy and ITER***

8.3.2001 11:00 Bereichsseminar Oberflächenphysik

**Nicole Reinecke** (IPP)

***Halbleiter-Heterostrukturen für Hochgeschwindigkeits- und Optoelektronik***

8.3.2001 8:30 PWW-Seminar MF

**Ch. Linsmeier** (IPP)

**Bericht Gordon Conference: "Chemical Reactions at Surfaces"**

5.3.2001 14:00 PWW-Seminar MF

**Andreas Kirschner** (Institut für Plasmaphysik, Forschungszentrum Jülich GmbH)

**Modelling of the plasma-wall-interaction and the local particle transport in fusion devices**

5.3.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. V. Dose** (IPP)

**Parameter estimation with errors in the independent variables**

2.3.2001 12:15 ASDEX Upgrade Seminar

**Garrard Conway**

**Fluctuation and reflectometer simulation studies on ASDEX Upgrade**

2.3.2001 0:00 IPP Institutskolloquium

1.3.2001 11:00 Bereichsseminar Oberflächenphysik

**Almut Wiltner** (Universität Bonn)

**Rastertunnelmikroskopische Untersuchung von Kupfer- und Vanadiumclustern auf einem dünnen Aluminiumoxidfilm auf Ni<sub>3</sub>Al(111)**

28.2.2001 12:15 ASDEX Upgrade Seminar

**Volker Schmidt** (Consortio RFX, Padova)

**Remote Participation Technical Infrastructure for EFDA (with practical demonstrations)**

26.2.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. V. Dose** (IPP)

**Arithmetisches Mittel und Evidenz**

23.2.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Hans Christoph Wolf** (Universität Stuttgart)

**Moleküle als Schalter und Leiter - Wege zu einer molekularen Elektronik**

[Slides](#)

22.2.2001 13:15 ITED-Seminar

**Dr. Krassimir Kirov** (IPP)

**ECRH: Deposition and Current Drive in ASDEX Upgrade**

22.2.2001 12:30 CIPS EFS Seminar

**C. Konz** (Universitätssternwarte München)  
*The Critical Velocity Effect: A Come-Back*

22.2.2001 12:15 ASDEX Upgrade Seminar  
**Alexander Kendl**  
*TEM-ITG / ETG growth rates in AUG ITB scenarios*

22.2.2001 11:00 Bereichsseminar Oberflächenphysik  
**Jens Luthin** (IPP)  
*Methoden der Quantenchemie*

19.2.2001 12:15 ASDEX Upgrade Seminar  
**Paul Bonoli** (Plasma Science and Fusion Center, MIT, USA)  
*ICRF Mode Conversion and Transport Barrier Experiments in Alcator C-Mod*

19.2.2001 10:30 Oberflächen-Seminar MF  
**Nicole Reinecke** (IPP)  
*Näheres zur Nahfeldmikroskopie*

16.2.2001 9:00 IPP Institutskolloquium  
**Prof. Dr. Othmar Marti** (Universität Ulm)  
*Images and Nanoexperiments: Recent Developments in Scanning Force Microscopy*  
[Slides](#)

15.2.2001 15:00 CIPS Colloquium  
**Ferdinand Jamitzky** (Max-Planck-Institut für extraterrestrische Physik)  
*Pattern Recognition in Time Series and Images*

15.2.2001 12:30 CIPS EFS Seminar  
**Rüdiger Schopper** (Universitätssternwarte München Astronomisches Institut der LMU)  
*Der Ursprung der ultra-hochenergetischen kosmischen Strahlung*

15.2.2001 11:00 Bereichsseminar Oberflächenphysik  
**Joachim Roth** (IPP)  
*Beschuß von C mit W: Implantation, Erosion und Carbiddbildung*

15.2.2001 8:30 PWW-Seminar MF  
**Christian Hopf** (IPP)  
*Inbetriebnahme und Charakterisierung einer Colutron Ionenkanone für das Experiment Majestix*

14.2.2001 15:00 ITED-Seminar  
**Prof. A. Lunk** (IPF Stuttgart)

## ***Untersuchungen zur Erzeugung von H- in Bogenquellen***

13.2.2001 13:30 ASDEX Upgrade Seminar

**Anja Gude**

***Confinementverschlechterung durch NTMs***

13.2.2001 13:15 W7AS-Seminar

**Peter Grigull**

***Erste Inseidivertor-Experimente in W7-AS (Status)***

12.2.2001 12:15 ASDEX Upgrade Seminar

**V. Mertens**

***Can Compact Toroids (CT) be used for Particle Fuelling at ASDEX Upgrade?***

12.2.2001 10:30 Oberflächen-Seminar MF

**Nicole Reinecke (IPP)**

***Nahfeldspektroskopien***

9.2.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Harald Fritsch** (Ludwig-Maximilians-Universität München)

***Die Teilchenphysik des Urknalls***

[Slides](#)

8.2.2001 15:00 CIPS Colloquium

**Wolfgang Heckl** (Ludwig-Maximilian Universität, München)

***Scanning Probe Microscopy: A versatile Tool for Nanoscience***

8.2.2001 12:30 CIPS EFS Seminar

**Dieter Biskamp (IPP)**

***On fast and slow magnetic reconnection***

8.2.2001 11:00 Bereichsseminar Oberflächenphysik

**Stefan Karsch** (Max-Planck-Institut für Quantenoptik)

***Teilchenbeschleunigung und Kernphysik mit Hochleistungslasern***

8.2.2001 8:30 PWW-Seminar MF

**Achim von Keudell (IPP)**

***Vorstellung des Konzepts zum Umbau der Apparatur PLATO***

5.2.2001 10:30 Oberflächen-Seminar MF

**Jens Luthin (IPP)**

***NMR, ESR, EXAFS***

2.2.2001 12:15 ASDEX Upgrade Seminar

**Victor E. Golant** (Ioffe Institute, St. Petersburg)

***Recent Developments in Tokamak Physics at the Ioffe Institute***

2.2.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Peter Hänggi** (Universität Augsburg)

***Brownsche Motoren: Auferstehung der Dämonen von Maxwell und Loschmidt ?!***

[Slides](#)

1.2.2001 15:00 CIPS Colloquium

**Rainer Fischer** (IPP)

***Data Analysis with Bayesian Probability Theory***

1.2.2001 13:15 ITED-Seminar

**Fr. Prof. Shivarova** (Universität Sofia, Bulgarien)

***Surface-Wave Studies: Modelling and Experiments***

1.2.2001 12:30 CIPS Data Analysis Seminar

**Dr. Harald Atmanspacher** (IGPP Freiburg)

***Some basic problems with complex systems III - Gekoppelte Abbildungen, Grenzwertsätze***

1.2.2001 11:00 Bereichsseminar Oberflächenphysik

**Martin Bauer**

***Aufbau und Test eines Tieftemperatur-Meßplatzes für magnetooptische Untersuchungen***

1.2.2001 10:30 Tokamakphysik Kaffeeseminar

**Dr. Stefka Dimova** (Universität Sofia)

***Dissipative structures and waves in highly intensive temperature fields***

1.2.2001 8:30 PWW-Seminar MF

**Achim von Keudell** (IPP)

***Temperaturabhängigkeit des Haftvermögens von CH<sub>3</sub>***

30.1.2001 13:00 CIPS Data Analysis Seminar

**Dr. Harald Atmanspacher** (IGPP Freiburg)

***Some basic problems with complex systems II - Komplexität und Bedeutung***

29.1.2001 14:00 Tokamakphysik Kaffeeseminar

**Dr. Emanuele Poli** (IPP)

***Monte Carlo  $\delta$ - $f$  calculation of the bootstrap current in the presence of an island***

29.1.2001 10:30 Oberflächen-Seminar MF

**Hyungdong Kang** (IPP)

***Heterostructures, Laserdioden***

29.1.2001 10:30 *CIPS Data Analysis Seminar*

**Dr. Harald Atmanspacher** (IGPP Freiburg)

***Some basic problems with complex systems I - Einfuehrung und Definitionen***

26.1.2001 9:00 *IPP Institutskolloquium*

**Prof. Dr. Klaus Fischer** (Universität Trier)

***Betrug in der Wissenschaft - Zwischen forscher Spekulation, schlechter wissenschaftlicher Praxis und intellektueller Unredlichkeit***

25.1.2001 15:00 *CIPS Colloquium*

**Peter Awakowicz** (Technische Universität München)

***Diagnostics and Characterization of Low Temperature Plasmas***

25.1.2001 12:30 *CIPS EFS Seminar*

25.1.2001 12:15 *ASDEX Upgrade Seminar*

**Maria E. Manso and Paulo Varela** (Instituto Superior Technico, Lisbon, Portugal)

***Status of density profile measurements by reflectometry***

25.1.2001 8:30 *PWW-Seminar MF*

**Ch. Linsmeier** (IPP)

***Diskussion: Messung leichter Elemente mit IBA (AlNO-Schichten)***

24.1.2001 12:15 *ASDEX Upgrade Seminar*

**Adriano Manini** (CRPP Lausanne)

***Analysis of ECH sawtooth discharges for power deposition profile measurements on TCV***

22.1.2001 10:30 *Oberflächen-Seminar MF*

**Andreas Kohl** (IPP)

***Schwingungsspektroskopie***

19.1.2001 10:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Paolo Giudici** (Università di Pavia)

***Graphical models and data mining III***

19.1.2001 9:00 *IPP Institutskolloquium*

**Prof. Dr. Neville Smith** (Advanced Light Source, Berkeley)

***Metallic Quantum Wells and the Effects of the Envelope Function***

18.1.2001 15:00 *CIPS Colloquium*

**Prof. Paolo Giudici** (Università di Pavia)

**Graphical Models and Data Mining**

18.1.2001 12:30 Tokamakphysik Kaffeeseminar

**M. Goetz** (TU München)

**Mathematisches Modell für Gytrons mit Optimierungsmethoden**

18.1.2001 12:30 CIPS EFS Seminar

18.1.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Paolo Giudici** (Università di Pavia)

**Graphical models and data mining II**

18.1.2001 8:30 PWW-Seminar MF

**Matthias Meier** (IPP)

**Neues zum synergistischen Wachstum von CH3 mit H**

17.1.2001 12:15 ASDEX Upgrade Seminar

**Albrecht Herrmann**

**Thermography and heat flux calculation - potential and limits -**

17.1.2001 10:30 CIPS Data Analysis Seminar

**Prof. Dr. Paolo Giudici** (Università di Pavia)

**Graphical models and data mining I**

12.1.2001 9:00 IPP Institutskolloquium

**Prof. Dr. Edward Seidel** (Max-Planck-Institut für Gravitationsphysik, Potsdam)

**Using Supercomputers to Collapse Gravitational Waves, Collide Black Holes (and study other Cataclysms)**

[Slides](#)

11.1.2001 12:30 CIPS EFS Seminar

**Prof. Randy Jokipii** (University Arizona)

20.12.2000 12:30 Tokamakphysik Kaffeeseminar

**Bruce Scott**

**Zonal Flows and Electromagnetic Drift Wave Turbulence**

20.12.2000 9:00 IPP Institutskolloquium

**Dr. Alain Becoulet** (CEA Cadarache)

***Barriers in the Ion Heat Transport Channel***

[Slides](#)

18.12.2000 10:30 *Oberflächen-Seminar MF*

**J. Roth, M. Balden** (IPP)

***Reisebericht: MRS Boston***

18.12.2000 10:30 *Oberflächen-Seminar MF*

**Ch. Linsmeier, E. Taglauer** (IPP)

***Reisebericht: Inelastic ion surface collisions***

15.12.2000 0:00 *IPP Institutskolloquium*

14.12.2000 15:00 *CIPS Colloquium*

**Udo von Toussaint** (Max-Planck-Institut für Plasmaphysik)

***Introduction into Neural Networks***

14.12.2000 8:30 *PWW-Seminar MF*

**Maksim Korobkov** (IPP)

***Optical properties of  $\alpha$ -C:H films (actual results)***

12.12.2000 12:15 *ASDEX Upgrade Seminar*

**Mardjan Zarrabian**

***Determination of hydrocarbon impurity influxes, photon efficiencies and erosion yield***

11.12.2000 15:00 *ASDEX Upgrade Seminar*

**Sibylle Günter**

***MHD triggering of barriers***

11.12.2000 14:00 *ASDEX Upgrade Seminar*

**Wolfgang Suttrop**

***H-mode: the experimentalist's point of view***

11.12.2000 10:30 *IPP Institutskolloquium*

**Prof. Dr. James F. Drake** (Institute for Plasma Research, University of Maryland)

***The Physics of Magnetic Reconnection***

[Slides](#)

11.12.2000 10:30 *CIPS Data Analysis Seminar*

**V. Dose** (IPP)



## **Hyperprior**

11.12.2000 10:00 ASDEX Upgrade Seminar

**Jörg Stober**

***High density non-seeded H-modes: the quest for high confinement: (I) Experimental results and core transport***

11.12.2000 8:30 ASDEX Upgrade Seminar

**Francois Ryter**

***Electron heat transport studies with modulated ECH***

8.12.2000 0:00 IPP Institutskolloquium

7.12.2000 15:00 CIPS Colloquium

**Klaus-Jürgen Witte** (Max-Planck-Institut für Quantenoptik)

***Hot Dense Plasmas and Fast Particles by High-Intensity Femtosecond Laser-Pulses***

7.12.2000 8:30 PWW-Seminar MF

**no talk (Brandschutzbelehrung)**

4.12.2000 10:30 CIPS Data Analysis Seminar

**Udo von Toussaint** (IPP)

***Tritiumtiefenverteilung in ASDEX-Upgrade Wandproben - Formalismus***

1.12.2000 13:15 W7AS-Seminar

**A. I. Kislyakov** (Ioffe Physical Technical Institute, St.Petersburg)

***Development of Neutral Particle Analysers for Burning Plasma Experiments***

1.12.2000 0:00 IPP Institutskolloquium

30.11.2000 15:00 CIPS Colloquium

**Hubertus Thomas** (Max-Planck-Institut für extraterrestrische Physik)

***Complex Plasmas***

30.11.2000 12:30 Tokamakphysik Kaffeeseminar

**Klaus Hallatschek** (IPP)

***Edge transport modulation by coherent shear flows***

30.11.2000 8:30 PWW-Seminar MF

**Benoit Racine** (IPP)

***Electrical properties of  $\alpha$ -C:H films deposited by PECVD-ECR.rf***

29.11.2000 12:15 ASDEX Upgrade Seminar

**V. Rozhansky** (Technical University of St Petersburg, Russia)

***The L-H Transition: Perspectives from the Edge***

28.11.2000 13:15 W7AS-Seminar

**F. Gandini** (Istituto di Fisica del Plasma, CNR, Milano)

***Measurement of the ECRH Stray Radiation on FTU Tokamak and W7-AS Stellarator***

28.11.2000 12:15 ASDEX Upgrade Seminar

**Adrianus Sips**

***Regime Identification 2000/2001***

27.11.2000 12:15 ASDEX Upgrade Seminar

**Roberto Pugno**

***Spectroscopic investigations on impurity influxes and divertor recombination***

27.11.2000 10:30 CIPS Data Analysis Seminar

**Catalin Stan-Sion** (Beschleunigerlabor Technische Universität München)

***Tritiumtiefenverteilung in ASDEX-Upgrade Wandproben***

27.11.2000 10:30 IPP Institutskolloquium

**Prof. Dr. Rainer Schwenn** (Max-Planck-Institut für Aeronomie, Katlenburg-Lindau)

***Unruhen im Sonnensystem - neue Ergebnisse aus einem turbulenten Plasmalabor***

24.11.2000 9:00 IPP Institutskolloquium

**Prof. Dr. Jürgen Garche** (Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg)

***Probleme und Entwicklungschancen von Brennstoffzellen***

[Slides](#)

23.11.2000 15:00 CIPS Colloquium

**Matthias Meier** (Max-Planck-Institut für Plasmaphysik)

***Interaction of Radical Beams with  $\alpha$ -C:H Surfaces***

23.11.2000 12:30 CIPS EFS Seminar

**Toru Sugiyama** (Tokyo Institute of Technology)

***Ion acceleration at fast mode shocks***

23.11.2000 12:30 Tokamakphysik Kaffeeseminar

**Dr. Tamara Andreeva** (Joffe Institut, St. Petersburg,)

***Simulation of plasma equilibrium in Tuman-3 Tokamak***

23.11.2000 8:30 PWW-Seminar MF

**Benoit Racine** (IPP)

***Mechanical properties study of  $\alpha$ -C:H films deposited by PECVD-ECR***

20.11.2000 12:15 ASDEX Upgrade Seminar

**Denis Bolshukhin**

***Spectroscopical Studies of the Soft X-ray Radiation and their Application to Gain Insight into Properties of the Central ASDEX Upgrade Plasma***

20.11.2000 10:30 IPP Institutskolloquium

**Prof. Dr. Laurent Villard** (Centre de Recherches en Physique des Plasmas, EPFL, Lausanne)

***Global gyrokinetic simulations in tokamaks and stellarators***

[Slides](#)

17.11.2000 0:00 IPP Institutskolloquium

16.11.2000 15:00 CIPS Colloquium

**Gregor E. Morfill** (Max-Planck-Institut für extraterrestrische Physik)

***Formation of the Solar System***

16.11.2000 12:30 CIPS EFS Seminar

**K. Hallatschek** (IPP)

***Three instabilities in the electrostatic Braginskii equations for tokamak edge turbulence***

16.11.2000 10:30 Oberflächen-Seminar MF

**Edmund Taglauer** (IPP-Garching)

***Trajectory dependent analysis of LEIS energy spectra: surface structure and neutralization***

15.11.2000 12:30 ASDEX Upgrade Seminar

**Elisabeth Wolfrum**

***Lithium-beam Charge Exchange Spectroscopy: Status and Prospects***

13.11.2000 10:30 CIPS Data Analysis Seminar

**Roland Preuss** (IPP)

***Modellvergleiche mittels thermodynamischer Integration III***

10.11.2000 9:00 IPP Institutskolloquium

**Prof. Dr. Wolfgang Hillebrandt** (Max-Planck-Institut für Astrophysik, Garching)

***Thermonukleare Explosionen weißer Zwerge - was haben Supernovae und***

## **Verbrennungsmotoren gemeinsam?**

[Slides](#)

9.11.2000 12:30 CIPS EFS Seminar

**K. Hallatschek** (IPP)

***Some basic things on flux tube simulations of tokamak turbulence***

8.11.2000 12:15 ASDEX Upgrade Seminar

**Hartmut Zohm**

***Bericht von IAEA und APS Konferenz***

6.11.2000 10:30 CIPS Data Analysis Seminar

**Roland Preuss** (IPP)

***Modellvergleiche mittels thermodynamischer Integration II***

6.11.2000 10:30 Oberflächen-Seminar MF

**Christian Linsmeier** (IPP-Garching)

***Ion beam induced carbide formation at the titanium-carbon interface***

3.11.2000 0:00 IPP Institutskolloquium

2.11.2000 12:30 CIPS EFS Seminar

**R. Treumann**

***Aurorale Radiostrahlung***

31.10.2000 12:15 ASDEX Upgrade Seminar

**Jörg Hobirk**

***First results on high beta-poloidal discharges***

30.10.2000 10:30 CIPS Data Analysis Seminar

**Roland Preuss** (IPP)

***Modellvergleiche mittels thermodynamischer Integration***

27.10.2000 9:00 IPP Institutskolloquium

**Prof. Dr. Ulrich Wagner** (Technische Universität München)

***CO<sub>2</sub> Einsparung - Techniken, Kosten, Potenziale***

[Slides](#)

26.10.2000 12:30 CIPS EFS Seminar

**Iku Shinohara** (Institute of Space and Astronautical Science (ISAS), Japan)

***Rapid magnetic field dissipation process via coupling between K-H and LHD instabilities***

26.10.2000 11:00 Bereichsseminar Oberflächenphysik

**Wenmin Wang** (IPP)

***Growth of Carbon Nanostructures by Ion Bombardment***

25.10.2000 13:15 ITED-Seminar

**Andreas Meixner** (TU München)

***Aufbau eines Speckle-Interferometers für räumliches Phase-Shifting zur on-line-Deformationsmessung***

23.10.2000 10:30 CIPS Data Analysis Seminar

**Rainer Fischer** (IPP Garching)

***"Reisebericht: First European Conference on Spatial and Computational Statistics"***

23.10.2000 10:30 Oberflächen-Seminar MF

**enfällt**

20.10.2000 9:00 IPP Institutskolloquium

**Dr. Matthias Freyberger** (Universität Ulm)

***Quanten-Informationsverarbeitung - quantenphysikalische Grundlagenfragen und deren Anwendungen***

[Slides](#)

19.10.2000 12:30 CIPS EFS Seminar

**Alexander Pukhov** (Max-Planck-Institut fuer Quantenoptik)

***Physics of Laser-Plasma Interactions at Relativistic Intensities. 3D Particle-in-Cell Simulations***

17.10.2000 9:00 ITED-Seminar

**Prof. V. Vdovin** (Kurchatov, Moskau)

***3D ICRF Full Wave Code and its application on W7-AS and W7-X***

16.10.2000 10:30 Oberflächen-Seminar MF

**Andreas Kohl** (IPP-Garching)

***Untersuchungen an unpromotierten und Vanadium-promotierten Rh-Modellkatalysatoren***

16.10.2000 8:30 CIPS Data Analysis Seminar

**Dr. Udo von Toussaint** (IPP Garching)

***"Bayessche Neuronale Netze II"***

13.10.2000 13:15 W7AS-Seminar

**Dr. Michael Zarnstorff** (Plasma Physics Laboratory, Princeton University)

*Design of the quasi-axisymmetric stellarator NCSX*

13.10.2000 9:00 IPP Institutskolloquium

**Dr. Matthias Hirsch** (Max-Planck-Institut für Plasmaphysik, Garching)

***Doppler Reflektometrie - ein Geschwindigkeitsradar für das Plasma***

[Slides](#)

12.10.2000 12:30 CIPS EFS Seminar

**M. Scholer and K. Arzner** (CIPS)

***Kinetische Simulationen zur Rekonnexion des Erd-Magnetschweifs***

11.10.2000 12:15 ASDEX Upgrade Seminar

**Holger Reimerdes** (Centre de Recherche en Physique des Plasmas, Ecole Polytechnique Federale de Lausanne)

***MHD stability of shaped TCV plasmas***

9.10.2000 8:30 CIPS Data Analysis Seminar

**Dr. Udo von Toussaint** (IPP)

***Bayessche Neuronale Netze - Eine Einführung***

6.10.2000 0:00 IPP Institutskolloquium

5.10.2000 12:30 CIPS EFS Seminar

**Prof. Meyer-ter-Vehn** (Max-Planck-Institut für Quantenoptik)

***Plasmaphysik mit Höchstleistungslasern***

5.10.2000 11:00 Bereichsseminar Oberflächenphysik

**Olga Ogorodnikowa** (IPP)

***Simulation of Hydrogen Behavior in Solids (preliminary)***

4.10.2000 13:15 W7AS-Seminar

**Nils Basse** (Riso Dänemark)

***Charakterisierung der Dichteturbulenzen kurzer Wellenlänge mittels CO<sub>2</sub>-Laser-Streuung***

29.9.2000 9:00 IPP Institutskolloquium

**Dr. Wolfgang Treutterer** (Max-Planck-Institut für Plasmaphysik, Garching)

***Regelung der Plasmaform an ASDEX Upgrade***

[Slides](#)

28.9.2000 12:30 CIPS EFS Seminar

**Prof. M. Scholer** (Centre for interdisciplinary plasma science)  
***Reconnection in the magnetopause and flux transfer events (2)***

28.9.2000 12:30 Tokamakphysik Kaffeeseминаr

**Robert Arslanbekov** (IPP)  
***Simulations of the influence of toroidal rotation on the internal kink and tearing modes using XTOR***

28.9.2000 12:30 CIPS EFS Seminar

**Prof. M. Scholer** (Centre for interdisciplinary plasma science)  
***Magnetopause reconnection and flux transfer events (2)***

28.9.2000 12:30 CIPS EFS Seminar

**Prof. M. Scholer** (Centre for interdisciplinary plasma science)  
***Reconnection in the magnetopause and flux transfer events 2nd part***

27.9.2000 13:45 ASDEX Upgrade Seminar

**Adrianus Sips**  
***Internal Barrier Discharges in JET and their Sensitivity to Edge Conditions***

27.9.2000 13:00 ASDEX Upgrade Seminar

**Lorne-David Horton**  
***Pellet Fuelling and ELMy H-Mode Physics at JET***

27.9.2000 12:15 ASDEX Upgrade Seminar

**Otto Gruber**  
***Overview on ASDEX Upgrade Results***

27.9.2000 10:15 ASDEX Upgrade Seminar

**Sybille Günter**  
***MHD Phenomena in Advanced Scenarios on ASDEX Upgrade and the Influence of Localised Electron Heating and Current Drive***

27.9.2000 9:45 ASDEX Upgrade Seminar

**Francois Ryter**  
***Confinement and Transport Studies of Conventional Scenarios in ASDEX Upgrade***

27.9.2000 9:00 ASDEX Upgrade Seminar

**Hartmut Zohm**  
***The Physics of Neoclassical Tearing Modes and their Stabilisation by ECCD in ASDEX Upgrade***

26.9.2000 12:30 Tokamakphysik Kaffeeseминаr

**Yasutaro Nishimura** (IPP)  
***Stochastic particle transport in a magnetic island due to electrostatic drift waves***

22.9.2000 15:00 *IPP Institutskolloquium*

***Abschiedskolloquium für Dr. Gerhard Zankl***

22.9.2000 9:00 *IPP Institutskolloquium*

**Dr. Arthur Peeters** (Max-Planck-Institut für Plasmaphysik, Garching)

***Transportuntersuchungen in ASDEX Upgrade***

21.9.2000 12:30 *CIPS EFS Seminar*

**Prof. M. Scholer** (Centre for interdisciplinary plasma science)

***Reconnection in the magnetopause and flux transfer events***

21.9.2000 10:30 *ASDEX Upgrade Seminar*

**Lyudmila Krupnik** (Institute of Plasma Physics, Kharkov Institute of Physics and Technology, Ukraine)

***Recent results on plasma potential measurements on the T-10 tokamak***

20.9.2000 12:15 *ASDEX Upgrade Seminar*

**Yas Nishimura**

***Onset of high-n-ballooning modes during tokamak sawtooth crashes***

15.9.2000 9:00 *IPP Institutskolloquium*

**Dr. Christof Sihler** (Max-Planck-Institut für Plasmaphysik, Garching)

***Erweiterung des Betriebsbereichs von ASDEX Upgrade durch optimierte Energieversorgung***  
[Slides](#)

14.9.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. Jung-Sik Yoon** (Max-Planck-Institute for the physics of complex systems Dresden)

***Atomic processes in plasmas***

13.9.2000 12:15 *ASDEX Upgrade Seminar*

**Hans Werner Müller**

***Today's and Tomorrow's Density Profile Studies with the Li-Beam***

8.9.2000 9:00 *IPP Institutskolloquium*

**Dr. Dirk Hartmann** (Max-Planck-Institut für Plasmaphysik, Garching)

***Plasmaheizung mit Radiowellen im Bereich der Ionenzyklotronfrequenzen an W7-AS***

7.9.2000 10:30 *Bereichsseminar Oberflächenphysik*

**Karl Krieger** (IPP)

***Plasma-Wall Interaction at the ASDEX Upgrade Tungsten Heat Shield***



28.8.2000 10:30 *Oberflächen-Seminar MF*

**Christian Math** (IPP)

***Tagungsbericht ICESS 8***

9.8.2000 8:30 *CIPS Data Analysis Seminar*

**c. Rodriguez**

***Expectation Maximization - An Introduction***

7.8.2000 8:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

***Lecture 5: The use of paths in the space of distributions***

4.8.2000 10:00 *Tokamakphysik Kaffeeseminar*

**Prof. Harald Lesch** (LMU)

***MHD in der Astrophysik***

2.8.2000 12:15 *ASDEX Upgrade Seminar*

**Arne Kallenbach**

***Randschichtströme in ASDEX Upgrade - und einige Ergebnisse von JET***

31.7.2000 12:15 *ASDEX Upgrade Seminar*

**Dr. P. Lang**

***Erste Ergebnisse der Hochgeschwindigkeits-Pelletinjektion***

31.7.2000 8:30 *CIPS Data Analysis Seminar*

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

***Lecture 4: The use of paths in the space of distributions***

27.7.2000 15:00 *CIPS LTPP Seminar*

**Robert Suetterlin** (MPE)

***Vertical pairing in a plasma sheath***

27.7.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Prof. Harold Weitzner** (Courant Institute, New York)

***Transport in low collisionality Tokamaks in regions of large flow, electrostatic potential, and safety factor***

27.7.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Dr. Ulrich Krieger** (Laboratorium für Atmosphärenphysik ETH Zürich)

***Luftgestützte Atmosphärenuntersuchungen mittels RBS***

27.7.2000 8:30 *CIPS Data Analysis Seminar*

**R. Preuss, U. von Toussaint, C. Rodriguez**

***Bericht MaxEnt 2000 in Paris***

26.7.2000 12:15 ASDEX Upgrade Seminar

**Thomas Eich** (Institut für Plasmaphysik, Forschungszentrum Jülich)

***Struktur des Magnetfeldes und des Plasmas in der laminaren Zone des Dynamischen Ergodischen Divertors***

25.7.2000 12:30 Tokamakphysik Kaffeeseминаr

**Dr. Roberto Bilato** (IPP)

***Fast-Wave Current Drive from the single-particle point of view***

24.7.2000 12:15 ASDEX Upgrade Seminar

**W. Suttrop**

***First experiments of Task Force S1 (conventional scenarios) in EFDA-JET***

24.7.2000 10:30 Vortrag

**Dr. Jens Knauer** (Bereich W7-AS)

***Hochauflösende Thomsonstreuung am Stellarator W7-AS***

24.7.2000 8:30 CIPS Data Analysis Seminar

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

***Lecture 3: Hybrid Monte Carlo***

21.7.2000 12:30 Tokamakphysik Kaffeeseминаr

**Ms Clarisse Bourdelle** (CEA Cadarache)

***Linear gyro-kinetic stability analysis of improved confinement applied on electron ITB on Tore Supra and RI mode on Textor***

21.7.2000 9:00 IPP Institutskolloquium

**Dr. Christoph Neinhuis** (Botanisches Institut, Universität Bonn)

***Der Lotus-Effekt: biologische Grundlagenforschung und die Entwicklung neuer Werkstoffe***

20.7.2000 15:00 CIPS LTPP Seminar

**Christian Hopf** (IPP)

***Surface Loss Probabilities for C<sub>x</sub>H<sub>y</sub> Radicals***

20.7.2000 11:00 Bereichsseминаr Oberflächenphysik

**I.S.T. Tsong** (Arizona State University)

***Nucleation and Growth of GaN Layers on 6H-SiC(0001) Substrates by MBE***

18.7.2000 15:00 Tokamakphysik Kaffeeseминаr

**Dr. Magdi Shoucri** (Centre Canadien Varenne, Canada)

***Build-up of charge separation near the plasma edge***

18.7.2000 13:30 IPP Institutskolloquium

**Prof. Dr. V. L. Ginzburg** (Lebedev Institut, Moskau)

***Radiation of uniformly moving sources***

17.7.2000 12:15 ASDEX Upgrade Seminar

**Patrick McCarthy**

***Identification of the Edge Current Density in an X-point Plasma from Magnetic Measurements***

17.7.2000 10:30 Oberflächen-Seminar MF

**Prof. Zhang Bangwei** (Dept. of Applied Physics, Hunan University, Changsha, China, zur Zeit am IPP)

***"Modified analytic embedded atom model" - Origin and Development -***

***1. Physics of EAM and its location in the calculated material sciences.***

***2. Johnson's analytic EAM model.***

***3. Modification of the original EAM model.***

***4. Modified analytic EAM model.***

***5. Prospect.***

17.7.2000 8:30 CIPS Data Analysis Seminar

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

***Lecture 2: MCMC integration, Gibbs, Metropolis, Hastings, elements of statistical physics, simulated annealing***

14.7.2000 9:00 IPP Institutskolloquium

**Prof. Dr. Günter Wunner** (Universität Stuttgart)

***PIC-MCC-Simulationsrechnungen für Niedertemperatur-Plasmen***

13.7.2000 15:00 ITED-Seminar

**R. Goulding** (ORNL)

***Status of ICRF arc localization and high voltage breakdown studies at Oak Ridge National Laboratory***

13.7.2000 15:00 CIPS LTPP Seminar

**Dmitry Samsonov** (MPE)

***Mach-cone experiments in complex plasmas***

13.7.2000 11:00 Bereichsseminar Oberflächenphysik

**Christian Mair** (TU Innsbruck)

***Surface-induced dissociations and reactions of molecular and cluster ions in the low collision energy regime***

12.7.2000 12:15 ASDEX Upgrade Seminar

**Qingquan Yu**

***Stabilization of Neoclassical Tearing Modes by a Helical Field***

11.7.2000 14:00 W7AS-Seminar

**Yu. V. Yakovenko** (Institute for Nuclear Research, Kyiv, Ukraine)

***Alfvén Continuum and High-Frequency Eigenmodes in Optimized Stellarators***

10.7.2000 12:15 ASDEX Upgrade Seminar

**L. Horton**

***Status of Plans to Modify the JET Divertor for the Extended Performance Phase***

7.7.2000 0:00 IPP Institutskolloquium

5.7.2000 12:15 ASDEX Upgrade Seminar

**Mizuki Sakamoto** (Advanced Fusion Research Center, Research Institute for Applied Mechanics, Kyushu University)

***Recent results on the superconducting tokamak TRIAM-1M***

5.7.2000 10:00 CIPS LTPP Seminar

**Benoît RACINE** (Cambridge University)

***Properties of ta-C:H deposited by ECWR***

5.7.2000 8:30 CIPS Data Analysis Seminar

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

***Sampling with Connections***

4.7.2000 12:30 ASDEX Upgrade Seminar

**A. Kumar** (Institute for Plasma Research, India)

***Diagnostics for the Steady State Tokamak SST-1: Some Challenges***

4.7.2000 8:30 CIPS Data Analysis Seminar

**Prof. Dr. Wolfgang von der Linden** (Technische Universitaet Graz)

***Statistical Tests***

3.7.2000 10:30 IPP Institutskolloquium

**Prof. A. Cary** (University of Colorado)

***Integrable Hamiltonian systems for fusion and accelerators***

3.7.2000 8:30 CIPS Data Analysis Seminar

**Prof. Dr. Carlos Rodriguez** (State University of New York at Albany)

**Lecture 1: Overview of Markov chain Monte Carlo (MCMC)**

30.6.2000 9:00 IPP Institutskolloquium

**Prof. Jürgen Andrä** (Institut für Kernphysik, Universität Münster)

**Chancen für neutronenarme Kernfusion**

29.6.2000 15:00 CIPS LTPP Seminar

**Neil Cramer** (University of Sidney)

**Waves in dusty plasma discharges**

29.6.2000 12:15 ASDEX Upgrade Seminar

**Hans Maier**

**Ergebnisse der W-Testbeschichtungen für ASDEX Upgrade**

23.6.2000 0:00 IPP Institutskolloquium

19.6.2000 13:45 ITED-Seminar

**D.W. Swain**

**Results of High-Harmonic Fast Wave Experiments at NSTX**

19.6.2000 12:30 ASDEX Upgrade Seminar

**Dale M. Meade** (Princeton Plasma Physics Laboratory (PPPL))

**FIRE, a Next Step Option for Magnetic Fusion**

16.6.2000 0:00 IPP Institutskolloquium

9.6.2000 0:00 IPP Institutskolloquium

8.6.2000 13:15 W7AS-Seminar

**Dirk Hartmann**

**Recent Progress with ICRF Heating on W7-AS**

5.6.2000 13:15 W7AS-Seminar

**Byron Peterson** (LHD)

**Imaging Bolometers**

5.6.2000 12:30 ASDEX Upgrade Seminar

**Jürgen Gafert**

## ***Video Diagnostics at ASDEX Upgrade***

5.6.2000 10:30 *Oberflächen-Seminar MF*

**Dr. Robert Bastasz**

***Recent results on ion scattering: 1. Target mass determination in the presence of inelastic energy losses and 2. surface atom arrangement on a quasicrystal***

2.6.2000 0:00 *IPP Institutskolloquium*

31.5.2000 13:15 *W7AS-Seminar*

**R. L. Boivin** (Plasma Science and Fusion Center, MIT)

***High resolution measurements of radiated power in Alcator C-Mod - applications to study of neutrals and H-mode pedestal***

30.5.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Gerhard Becker** (IPP)

***Particle transport in Weiland's model***

29.5.2000 13:15 *ITED-Seminar*

**Dr. G. Bosia** (ITER )

***An ITER-relevant ICRF Antenna for JET***

26.5.2000 0:00 *IPP Institutskolloquium*

24.5.2000 12:45 *ASDEX Upgrade Seminar*

**Tiago Ribeiro** (Centro de Fusao Nuclear/ Instituto Superior Tecnico, Lissabon)

***Reflectometer measurements during ECRH modulation***

24.5.2000 12:15 *ASDEX Upgrade Seminar*

**Paulo Varela** (Centro de Fusao Nuclear/ Instituto Superior Tecnico, Lissabon)

***Reflectometer profile evaluation codes***

22.5.2000 13:15 *ITED-Seminar*

**H. Idei** (LHD )

***ECRH am LHD Stellarator***

19.5.2000 9:00 *IPP Institutskolloquium*

**Prof. Dr. Boye Ahlborn** (University of Vancouver, Kanada)

***Wie groß und wie klein können Tiere sein? (Thermodynamische Grenzen der Körpergröße von Warmblütern)***

18.5.2000 12:30 Tokamakphysik Kaffeeseminar

**Andreas Bergmann** (IPP)

*Neoklassischer Energietransport im Tokamak nahe der Achse*

18.5.2000 11:00 Bereichsseminar Oberflächenphysik

**Bernhard Plöckl** (IPP)

*Sicherheitsaspekte bei Vakuumpumpen*

17.5.2000 14:00 ASDEX Upgrade Seminar

**Rudolf Neu**

*Plasma operation with tungsten tiles at the central column of ASDEX Upgrade*

17.5.2000 13:35 ASDEX Upgrade Seminar

**H.-S. Bosch**

*Helium Transport and Exhaust with an ITER-like divertor in ASDEX Upgrade*

17.5.2000 12:55 ASDEX Upgrade Seminar

**Christoph J. Fuchs**

*Radiation Distribution and Power Balance in the ASDEX Upgrade LYRA Divertor*

17.5.2000 12:15 ASDEX Upgrade Seminar

**Gabriella Pautasso**

*Prediction and mitigation of disruptions in ASDEX Upgrade*

16.5.2000 13:15 W7AS-Seminar

**Rudolf Brakel**

*ICRF Conditioning Experiments in the W7-AS Stellarator*

16.5.2000 12:30 Tokamakphysik Kaffeeseminar

**Dirk Reiser** (Forschungszentrum Jülich)

*Shear Alfvén dynamics in the SOL including neutrals*

15.5.2000 14:25 ASDEX Upgrade Seminar

**Peter T. Lang**

*High density H-mode operation achieved using efficient particle refueling by inboard launch of cryogenic pellets*

15.5.2000 14:00 ASDEX Upgrade Seminar

**Jeong-Won Kim (bzw. David Coster)**

*ASDEX Upgrade edge transport scalings from the 2-dim interpretation code B2.5-I*

15.5.2000 12:30 ASDEX Upgrade Seminar

**Paola Mantica**

***Heat convection and transport barriers in low magnetic shear RTP plasmas***

15.5.2000 10:30 *Oberflächen-Seminar MF*

**Dr. Laura Pedemonte** (Dipartimento di Fisica, Università di Genova)

***OPEN QUESTIONS ON THE THERMAL DISORDERING OF AG(110)***

12.5.2000 9:00 *IPP Institutskolloquium*

**Prof. Dr. Fritz Aldinger** (Max-Planck-Institut für Metallforschung und Institut für Nichtmetallische Anorganische Materialien, Universität Stuttgart)

***Moderne keramische Werkstoffe - Herstellung und Stand der Technik***

11.5.2000 15:00 *CIPS LTPP Seminar*

**Dr. Stanislav Medin** (High Energy Density Research Center - Moscow)

***Computer Simulation of the Motion of Large Bodies in a Planetary Magnetic Field***

11.5.2000 8:30 *PWW-Seminar MF*

**div.**

***Probenvorträge "H in Solids", "PSI-14"***

10.5.2000 12:15 *ASDEX Upgrade Seminar*

**Francois Ryter**

***Transport Studies with ECRH in ASDEX Upgrade***

5.5.2000 9:00 *IPP Institutskolloquium*

**Dr. Günther Janeschitz** (ITER, Garching)

***Eigenschaften und Design von ITER-FEAT***

4.5.2000 13:30 *Tokamakphysik Kaffeeseminar*

**Klaus Hallatschek**

***Condensation of shear flows into coherent modes***

4.5.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Klaus Schmid** (IPP)

***Wahrnehmung geometrischer Objekte bei relativistischen Geschwindigkeiten***

28.4.2000 0:00 *IPP Institutskolloquium*

27.4.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Robert Beikler** (IPP)

***Röntgenbeugung unter streifendem Einfall***

27.4.2000 8:30 *PWW-Seminar MF*



21.4.2000 0:00 *IPP Institutskolloquium*

20.4.2000 8:30 *PWW-Seminar MF*

17.4.2000 13:15 *ITED-Seminar*

**S. Puri**

***Supraluminal Jupiter Symphonie***

17.4.2000 8:30 *CIPS Data Analysis Seminar*

**Prof.Dr. Eckehart Nolte** (E15a Lehrstuhl für Experimentalphysik - Astroteilchenphysik, Physik-Department, Technische Universität München)

***Epidemiologische Bestimmung der relativen biologischen Wirksamkeit von Neutronen***

14.4.2000 0:00 *IPP Institutskolloquium*

13.4.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. H. Reinholz** (The University of Western Australia, Perth, Department of Physics)

***Scattering and Correlations in Plasmas: From an Ideal Plasma to a Metallic Vapour***

13.4.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Andreas Kohl** (IPP)

***Ein oberflächenphysikalischer Zugang zur Präparation neuer Katalysatoren***

13.4.2000 8:30 *PWW-Seminar MF*

**Konrad Klages** (IPP)

***Statusbericht ARTOSS-Umzug***

11.4.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Frank Jenko** (IPP)

***Theory-based transport models***

10.4.2000 10:30 *Oberflächen-Seminar MF*

**N. Reinecke**

***Quantum corrals at RT***

7.4.2000 0:00 *IPP Institutskolloquium*

6.4.2000 15:00 *CIPS LTPP Seminar*

**Beatrice Maria Annaratone** (MPE)

***Electrical diagnostics of low-pressure plasmas: Selected examples***

6.4.2000 11:00 *Bereichsseminar Oberflächenphysik*

**kein Vortrag**

***DPG: Plasmaphysik Bonn***

6.4.2000 8:30 *PWW-Seminar MF*

**Peter Goldstraß** (IPP)

***System Be - C (Teil 2)***

3.4.2000 10:30 *PWW-Seminar MF*

**Peter Goldstraß** (IPP)

***System Be - C (Teil 1)***

3.4.2000 10:30 *Oberflächen-Seminar MF*

**P. Goldstraß**

***Aktuelles***

31.3.2000 13:15 *W7AS-Seminar*

**Dr. Christoph Wendland**

***Untersuchung von Stromdichteprofilen am Stellarator W7-AS (15minütiger Probevortrag zur DPG-Frühjahrstagung, Bonn (Nachholung vom Vortrag))***

31.3.2000 9:00 *IPP Institutskolloquium*

**Prof. Dr. Hans Blümer** (Forschungszentrum Karlsruhe)

***Pierre Auger: Die höchsten Energien im Universum***

30.3.2000 13:15 *W7AS-Seminar*

***Probevorträge zur DPG-Frühjahrstagung, Bonn***

30.3.2000 11:00 *Bereichsseminar Oberflächenphysik*

**kein Vortrag**

***DPG: Festkörperphysik Regensburg***

30.3.2000 8:30 *PWW-Seminar MF*

***DPG Frühjahrstagung Regensburg***

29.3.2000 12:15 ASDEX Upgrade Seminar

**Hans Meister**

*Das radiale elektrische Feld an ASDEX Upgrade*

27.3.2000 12:50 ASDEX Upgrade Seminar

**Wolfgang Suttrop**

*Einfluß des Plasmarands auf den Einschluß im Fusionsexperiment ASDEX Upgrade*

27.3.2000 12:30 ASDEX Upgrade Seminar

**Raymond Monk**

*Möglichkeiten für Alfvénwellenexperimente an ASDEX Upgrade*

27.3.2000 8:30 CIPS Data Analysis Seminar

**V. Dose (IPP)**

*A Bayesian Change-Point Problem II*

24.3.2000 9:00 IPP Institutskolloquium

**Dr. Holger Kersten** (Universität Greifswald)

*Mikro-disperse Teilchen im Plasma: Vom störenden Nebeneffekt zu neuen Anwendungsmöglichkeiten*

23.3.2000 15:00 CIPS LTPP Seminar

**Satoshi Hamaguchi** (Kyoto University)

*Wave Dispersions in Dusty Plasmas*

23.3.2000 11:00 Bereichsseminar Oberflächenphysik

**Burghard Plaum** (IPF, Universität Stuttgart)

*Numerische Optimierung von überdimensionierten Hohlleiterkomponenten*

23.3.2000 8:30 PWW-Seminar MF

**div.**

*Probenvorträge DPG Frühjahrstagungen*

22.3.2000 15:00 ASDEX Upgrade Seminar

**Otto Gruber**

*Barrieren für den Energieverlust in Tokamaks: Der Weg zu einem kompakten stationären Fusionsreaktor*

22.3.2000 12:15 ASDEX Upgrade Seminar

**Arthur Peeters**

*Characteristics of ITBs in ASDEX Upgrade*

21.3.2000 10:30 Oberflächen-Seminar MF

**Beikler, Kang, Langer, Math, Reinecke**  
***Probenvortrag/Poster für DPG-Tagung***

20.3.2000 10:30 *Oberflächen-Seminar MF*  
**Beikler, Kang, Langer, Math, Reinecke**  
***Probenvortrag/Poster für DPG-Tagung***

20.3.2000 8:30 *CIPS Data Analysis Seminar*  
**V. Dose (IPP)**  
***A Bayesian Change-Point Problem II***

17.3.2000 9:00 *IPP Institutskolloquium*  
**Bernhard Milow (Deutsches Zentrum für Luft- und Raumfahrt, Köln)**  
***Neue Technologien für solarthermische Kraftwerke***

16.3.2000 11:00 *Bereichsseminar Oberflächenphysik*  
**Konrad U. Klages (IPP)**  
***Halo-Atome***

16.3.2000 8:30 *PWW-Seminar MF*  
**div.**  
***Probenvorträge/Poster DPG Frühjahrstagungen***

15.3.2000 12:15 *ASDEX Upgrade Seminar*  
**Rudi Neu und Francois Ryter**  
***Propagation of Cold Pulses and Heat Pulses***

14.3.2000 13:15 *W7AS-Seminar*  
**Dr. Horst Wobig**  
***Stellarator-Reaktor-Studien (Statusbericht)***

14.3.2000 12:30 *Tokamakphysik Kaffeeseminar*  
**Dr. O. Kardaun**  
***Remarks on estimating the probability for ITER FEAT to achieve  $Q > 10$  (and some premeditations before a visit to Japan)***

14.3.2000 11:00 *ITED-Seminar*  
**Prof. V. Vdovin (Kurchatov Institut, Moskau)**  
***3D ICRH Full Wave Code: Progress Report***

13.3.2000 12:15 *ASDEX Upgrade Seminar*  
**Jörg Stober**  
***Haben wir Typ II ELMs?***

13.3.2000 10:00 ASDEX Upgrade Seminar

**Axel Lorenz**

***Ein Hochgeschwindigkeits-Pelletinjektions-System zur effizienten Nachfüllung heißer Fusionsplasmen***

10.3.2000 12:45 ASDEX Upgrade Seminar

**Stefan Klenge**

***Erste Messungen zum Phase-Runaway***

10.3.2000 12:15 ASDEX Upgrade Seminar

**Francois Ryter**

***Scattering of Confinement***

10.3.2000 9:00 IPP Institutskolloquium

**Prof. Dr. Andreas Wolf** (Max-Planck-Institut für Kernphysik, Heidelberg)

***Atomphysik an Ionenspeicherringen***

9.3.2000 12:15 ASDEX Upgrade Seminar

**Hans-Stephan Bosch**

***Bericht über Vorbereitungen des JET Programms 2000***

9.3.2000 11:00 Bereichsseminar Oberflächenphysik

**Christian Math** (IPP)

***Magnetoelektronik***

9.3.2000 8:30 PWW-Seminar MF

**Christian Hopf** (IPP)

***Flußabhängigkeit der C-Erosion***

8.3.2000 14:15 W7AS-Seminar

**Dr. Rajmund Kuduk** (University Lublin)

***Photon Emission Produced by Ion-Sputtered Species***

8.3.2000 12:15 ASDEX Upgrade Seminar

**Xiaolan Zou** (Centre Nucleaire de Cadarache (Tore Supra))

***Turbulence and poloidal rotation shear measurements by Doppler reflectometry in Tore Supra***

6.3.2000 10:30 Oberflächen-Seminar MF

**H. Kang**

***Aktuelles***

6.3.2000 8:30 CIPS Data Analysis Seminar

**V. Dose** (IPP)

***A Bayesian Change-Point Problem***

3.3.2000 9:00 *IPP Institutskolloquium*

**Prof. Dr. Elisabeth Rachlew** (Royal Institute of Technology, Stockholm)

***A university-based fusion programme- results from the EXTRAP-T2 RFP in Stockholm***

2.3.2000 15:00 *CIPS LTPP Seminar*

**Milenko Zuzic** (MPE)

***3-D Plasma Crystals on Earth***

2.3.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. E. Strumberger** (IPP)

***Damping of double tearing modes by differential plasma rotation***

2.3.2000 11:00 *Bereichsseminar Oberflächenphysik*

**Thomas Schwarz-Selinger** (IPP)

***Radikalnachweis mit Cavity Ring Down-Spektroskopie***

2.3.2000 8:30 *PWW-Seminar MF*

**Matthias Meier** (IPP)

***Literaturbericht:***

1.3.2000 12:15 *ASDEX Upgrade Seminar*

**Yitzhak Maron** (Weizmann Institute of Science, Faculty of Physics)

***Fast Magnetic Field Penetration and Particle Flow in a Plasma***

29.2.2000 12:30 *Tokamakphysik Kaffeeseminar*

**Dr. W. Feneberg** (IPP)

***Neue Resultate für die poloidale Strömung***

28.2.2000 14:00 *Tokamakphysik Kaffeeseminar*

**Dr. M. Brambilla** (IPP)

***Obtaining wave equations for low-frequency instabilities in toroidal geometry from the linearized Vlasov equation***

28.2.2000 10:30 *Oberflächen-Seminar MF*

**Ch. Math**

***Magnetische Anisotropien***

25.2.2000 13:15 *IPP Institutskolloquium*

***Festkolloquium anlässlich des 60. Geburtstags von Prof. Dr. Volker Dose***

24.2.2000 15:00 *CIPS LTPP Seminar*

**Rainer Fischer** (IPP)

## ***Reconstruction of EEDFs from Optical Emission Spectra***

24.2.2000 14:00 ASDEX Upgrade Seminar

**Hartmut Zohm**

***Bericht über das 'JET Enhanced Performance' Proposal***

24.2.2000 12:30 Tokamakphysik Kaffeeseminar

**Prof. H. We** (Courant Institut, New York)

***A model for plasma stability on the MHD time scale***

17.2.2000 15:00 CIPS LTPP Seminar

**Vadim Tsytovich** (Humboldt fellow, MPE)

***Theory of Structures in Dusty Plasmas***

10.2.2000 15:00 CIPS LTPP Seminar

**Wolfgang Jacob** (IPP)

***Survey of Activities in the Plasma Technology Group***

3.2.2000 15:00 CIPS LTPP Seminar

**Hubertus Thomas** (MPE)

***Overview on Complex Plasmas***

27.1.2000 15:00 CIPS LTPP Seminar

**Achim von Keudell** (IPP)

***Plasma Surface Interaction: From Plasma Experiments to Particle Beam Experiments***

20.1.2000 15:00 CIPS LTPP Seminar

**A. Melzer** (Univ. of Kiel)

***Experiments on Plasma Crystals using Lasers***

1.1.2000 9:00 IPP Institutskolloquium

**Dr. Francesco Taccogna** (Istituto di Metodologie Inorganiche e dei Plasmi (IMIP) - National Research Council (CNR), Bari, Italy)

***Modeling of Hall thrusters for ion propulsion: a collaboration between IMIP Bari and IPP Greifswald***

30.7.1999 9:00 IPP Institutskolloquium

23.7.1999 9:00 IPP Institutskolloquium

16.7.1999 9:00 *IPP Institutskolloquium*  
**Prof. Volker Dose** (MPI Plasmaphysik)  
**(Geburtstag Prof. Wilhelm)**

9.7.1999 0:00 *IPP Institutskolloquium*

2.7.1999 9:00 *IPP Institutskolloquium*

25.6.1999 9:00 *IPP Institutskolloquium*  
**Prof. Peter Pörtner** (LMU München)  
**(Technologie Verständnis in Japan)**

18.6.1999 0:00 *IPP Institutskolloquium*

11.6.1999 0:00 *IPP Institutskolloquium*

4.6.1999 0:00 *IPP Institutskolloquium*

28.5.1999 9:00 *IPP Institutskolloquium*

21.5.1999 9:00 *IPP Institutskolloquium*

14.5.1999 0:00 *IPP Institutskolloquium*

7.5.1999 9:00 *IPP Institutskolloquium*  
**Dr. Robert P. Hoyt** (Tethers Unlimited, Inc, Seattle)  
**The Terminator Tether: Using Electrodynamic Drag to Dispose of Used Spacecraft**



30.4.1999 9:00 *IPP Institutskolloquium*

23.4.1999 9:00 *IPP Institutskolloquium*

**Prof. Klaus Hübner** (Universität Heidelberg)

***Die Geschichte der Entdeckung des Elektrons***

21.4.1999 12:15 *ASDEX Upgrade Seminar*

**Stjepko Sesnic**

***Wechselwirkung zwischen neoklassischer Tearingmode und schnellen Teilchen***

16.4.1999 9:00 *IPP Institutskolloquium*

15.4.1999 11:00 *Bereichsseminar Oberflächenphysik*

**Ulrich Gerhardt** (J.W. Goethe-Universität, Frankfurt)

***Iterative Entfaltung und Analyse von (Photoelektron-) Spektren nach Bayes***

9.4.1999 9:00 *IPP Institutskolloquium*

2.4.1999 0:00 *IPP Institutskolloquium*

26.3.1999 9:00 *IPP Institutskolloquium*

**Prof. Ian Cook** (Culham Science Centre)

***The Economic Performance of Fusion Power Stations***

24.3.1999 12:15 *ASDEX Upgrade Seminar*

**Hans Werner Mueller**

***Hoch-beta Drift bei Pelletinjektion in ASDEX Upgrade***

23.3.1999 14:15 *W7AS-Seminar*

**Yuri Igitchanov** (ITER Garching)

***Physics of LH Transition and Type III ELMs: Scaling Properties and Dimensional Analysis***

19.3.1999 0:00 *IPP Institutskolloquium*

18.3.1999 11:00 *Bereichsseminar Oberflächenphysik*

**Andreas Neuffer** (IPF Stuttgart)

***Diagnostik und Modellierung einer planaren Magnetron-Sputter-Quelle***

12.3.1999 9:00 *IPP Institutskolloquium*

**Prof. Reiner Kümmel** (Institut für Theoretische Physik, Universität Würzburg)

***Energie, Kreativität, Wirtschaftswachstum und Beschäftigung***

11.3.1999 11:00 *Bereichsseminar Oberflächenphysik*

**Hans Maier** (IPP)

***Wasserstoffhaushalt der ersten Wand von ASDEX Upgrade***

10.3.1999 12:15 *ASDEX Upgrade Seminar*

**Erika Gubanka**

***Tritonen-burnup in ASDEX Upgrade***

5.3.1999 9:00 *IPP Institutskolloquium*

**Prof. Abdelaziz Bennouna** (CNR, Rabat, Morocco)

***Die erneubaren Energien für eine Zukunft mit Zukunft***

4.3.1999 11:00 *Bereichsseminar Oberflächenphysik*

**Martin Balden** (IPP)

***Einfluß von Dotierungen in Kohlenstoff-Materialien auf chemische Erosion, Implantation und Co-Deponierung***

3.3.1999 12:15 *ASDEX Upgrade Seminar*

**Wolfgang Ullrich**

***Heliumtransport in der Plasmarandschicht***

26.2.1999 9:00 *IPP Institutskolloquium*

**Dipl.-Ing. Konrad O. Götz** (Forschungszentrum Karlsruhe)

***Design in der Natur***

25.2.1999 13:15 *W7AS-Seminar*

**Manfred Bitter** (PPPL)

***Röntgenspektroskopie an Tokamakplasmen***

25.2.1999 11:00 *Bereichsseminar Oberflächenphysik*

**Matthias Meier** (IPP)

***Magnetometrie mit Kaskadenelektronen***

24.2.1999 12:15 *ASDEX Upgrade Seminar*

**Volker Dose**

***Ausreisser-toleranter Fit von Elektronentemperatur Daten am Plasmarand***

23.2.1999 14:30 W7AS-Seminar

**Dr. Kyomasa Watanabe** (NIFS)

*LHD Experimental Data Analyses Related with 1D Transport Study*

19.2.1999 0:00 IPP Institutskolloquium

17.2.1999 12:15 ASDEX Upgrade Seminar

**Louis Giannone**

*Radiation measurements and modelling of the density limit on the W7-AS stellarator*

12.2.1999 9:00 IPP Institutskolloquium

**Dr. Robert Wolf** (MPI für Plasmaphysik)

*Advanced Tokamak Experimente an ASDEX Upgrade*

10.2.1999 12:15 ASDEX Upgrade Seminar

**Axel Lorenz**

*Projektierung des Injektionssystems für die Hochgeschwindigkeitspellets von der Hochfeldseite*

9.2.1999 14:45 W7AS-Seminar

**Prof. Kimitaka Itoh** (NIFS)

*Possibility of Internal Transport Barrier in W7-AS*

9.2.1999 14:15 W7AS-Seminar

**Dr. Henning Maaßberg**

*What is the Physics of the Electron Root Feature at W7-AS ?*

5.2.1999 9:00 IPP Institutskolloquium

**Dr. Evgeny Suvorov** (Novgorod, Russland)

*Collective Thomson Scattering (CTS) diagnostics of the ion distribution function and plasma turbulence in fusion plasmas*

4.2.1999 12:30 Tokamakphysik Kaffeeseminar

**Gerhard Becker**

*Transportsimulationen von ITER Szenarien mit getriebenem Brennen*

2.2.1999 14:15 W7AS-Seminar

**Dr. Ulrich Stroth**

*Konvektiver einwärts gerichteter Teilchentransport in W7-AS*

1.2.1999 12:30 ASDEX Upgrade Seminar

**Garrard Conway** (JET/UK)

***Comparison of core and edge turbulence during confinement regimes in JET***

29.1.1999 9:00 IPP Institutskolloquium

**Dr. Craig Beidler** (MPI für Plasmaphysik)

***Ripple-Averaged Kinetic Theory for Stellarators***

28.1.1999 15:00 ITED-Seminar

**Dr. Markus Beckmann**

***Nichtlineare ECRH***

28.1.1999 11:00 Bereichsseminar Oberflächenphysik

**Volker Dose** (IPP Garching)

***Gemeinsame Nutzung absoluter und relativer Daten***

27.1.1999 12:15 ASDEX Upgrade Seminar

**Robert Wolf**

***Erste Stromprofile aus der MSE Diagnostik***

22.1.1999 9:00 IPP Institutskolloquium

**Dr. Josef Schweinzer** (MPI für Plasmaphysik, Garching)

***Plasmaranddiagnostik mit schnellen Atomstrahlen - Stand und Perspektiven***

21.1.1999 11:00 Bereichsseminar Oberflächenphysik

**Udo v. Toussaint** (IPP Garching)

***Neutrinomasse und Sonnenmodell***

20.1.1999 12:15 ASDEX Upgrade Seminar

**Kay Schmidtman**

***Spektroskopische Messung von Divertorparametern***

15.1.1999 9:00 IPP Institutskolloquium

**Dr. Ralph Dux** (MPI für Plasmaphysik, Garching)

***Neoklassischer Verunreinigungstransport an ASDEX Upgrade***

14.1.1999 13:15 W7AS-Seminar

**Stefan Reibold**

***Einschluß und Verluste in der Slowing-Down-Verteilung bei Neutralteilcheninjektion***

14.1.1999 11:00 Bereichsseminar Oberflächenphysik

**Klaus Hermann** (FHI Berlin)

***Geometrie und Elektronenstruktur an der (010)-Oberfläche von Vanadiumoxid: Neuere Theoretische Ergebnisse***

17.12.1998 11:00 Bereichsseminar Oberflächenphysik

**H.-D. Miskes** (LMU München)

***Zerstäubung mit hochenergetischen Schwerionen***

16.12.1998 12:15 ASDEX Upgrade Seminar

**Harald Bucher**

***Auswertemethoden für ECRH-Modulationsexperimente in ASDEX Upgrade***

15.12.1998 14:15 W7AS-Seminar

**Franz-Peter Penningsfeld**

***Tangentiale und radiale Injektion sowie Stromtrieb in W7-AS***

15.12.1998 12:30 Tokamakphysik Kaffeeseminar

**Dr. Ya.I. Kolesnichenko** (Kiev, Ukraine)

***Burning plasma and fast ion physics issues in tokamaks.***

10.12.1998 11:00 Bereichsseminar Oberflächenphysik

**Henryk Gzyl** (Fac. Ciencias / UCV, Caracas)

***Influence of apriori Information and Noise in Maxentropic Solutions of Linear Problems***

8.12.1998 14:15 W7AS-Seminar

**H. Maaßberg**

***ECCD, Experiment und Stand der Theorie***

4.12.1998 9:00 IPP Institutskolloquium

**Dr. Andreas Zeiler** (MPI für Plasmaphysik)

***Turbulenzen in der Randschicht von Fusionsplasmen***

1.12.1998 0:00 W7AS-Seminar

**C. Görner**

***Alfven-Eigenmoden bei Konfigurationen mit unterschiedlichem Shear***

24.11.1998 0:00 W7AS-Seminar

**C. Wendland**

***Periodische Thomsonstreuung mit dem Nd:YAG-Laser und die Bestimmung von Zeff-Profilen an W7-AS***

20.11.1998 9:00 IPP Institutskolloquium

**Dr. Arne Kallenbach** (MPI für Plasmaphysik, Garching)

***Leistungsabfuhr im ASDEX Upgrade "Lyra" Divertor***

19.11.1998 0:00 W7AS-Seminar

**G. Kühner**

***Wie gehe ich mit ORACLE um? Praktischer Datenbankeinsatz***

13.11.1998 0:00 W7AS-Seminar

**R. Preuss**

***Dimensionslose Einschlußskalierung in W7-AS***

27.10.1998 0:00 W7AS-Seminar

**R. Jaenicke**

***Was gibt es Neues an W7-AS?***

20.10.1998 0:00 W7AS-Seminar

**S. Reibold**

***Einschlußverhalten schneller Teilchen bei Neutralteilcheninjektion***

14.10.1998 0:00 W7AS-Seminar

**D. Hartmann , A. Weller**

***IAEA Probevorträge: Plasma Heating and Sustainment in the Ion Cyclotron Range of Frequencies on the Stellarator W7-AS, Investigation of Equilibrium, Global Modes and Microinstabilities in the Stellarator W7-AS***

14.9.1998 0:00 W7AS-Seminar

**Dr.A.Fujisawa** (NIFS Toki)

***Observation of Bifurcation Phenomena in radial electric field in CHS***

31.8.1998 0:00 W7AS-Seminar

**U. Kortshagen** (University of Minnesota)

***Elektronenkinetik und Nanoteilchen in HF-Niederdruckplasmen***

13.8.1998 0:00 W7AS-Seminar

**N. Marushchenko** (Kharkov)

***Kinetic Effects at High Power ECCD***

11.8.1998 0:00 W7AS-Seminar

**V. Tribaldos** (CIEMAT)

***TJ-2 - Idea and Status***

30.7.1998 0:00 W7AS-Seminar

**M. Natzer** (IPP/E2)

***Ein eindimensionales Modell des Neutralgases zwischen Plasma und Wand***

28.7.1998 0:00 W7AS-Seminar

**D. Darrow** (PPPL)

***Energetic Ion Loss Detection and Physics in TFTR and CHS***

21.7.1998 0:00 W7AS-Seminar

**S. V. Kasilov** (IPP Kharkov)

***Mapping Techniques for Monte Carlo Modelling in a Stellarator***

16.7.1998 0:00 W7AS-Seminar

**V. Moiseenko** (IPP Kharkow)

***Localized ICRF eigenmodes in two ion component tokamak plasma***

15.7.1998 0:00 W7AS-Seminar

**M. Shats** (Univ. Canberra)

***H-mode studies and other experiments on H-1***

8.7.1998 0:00 W7AS-Seminar

**M. Zarnstorff** (PPPL)

***The Stellarator Project in Princeton***

26.6.1998 0:00 W7AS-Seminar

**E. Solano** (Univ. Austin)

***Bifurcation Theory in Tokamak, Equilibria, L-H-Transition and ELM's***

23.6.1998 0:00 W7AS-Seminar

**K. Itoh** (NIFS)

***Bifunction and Global Structure of Radial Electric Field***

28.5.1998 0:00 W7AS-Seminar

**A. Werner**

***Aktive Ha-Spektroskopie am W7-AS***

20.5.1998 0:00 W7AS-Seminar

**S. Puri**

***Anomalous Transport via Kirchhoff Radiation***

12.5.1998 0:00 W7AS-Seminar

**M. Endler** (IPP Garching)

***Turbulent SOL Transport in Stellarators and Tokamaks***

30.4.1998 0:00 W7AS-Seminar

**H. Kroiss, N. Ruhs,**

***Status und geplante Neuorganisation der W7-AS-EDV***

29.4.1998 0:00 W7AS-Seminar

**F. Clairet** (CEA, Cadarache)

***Reflectometry at TORSUPRA***

28.4.1998 0:00 W7AS-Seminar

**S. v. Goeler** (PPPL)

***Messungen mit dem TFTR-Neutronen-Kollimator***

27.4.1998 0:00 W7AS-Seminar

**S. v. Goeler** (PPPL)

***Pläne am TEXTOR für eine schnelle tangentielle Kamera für weiches Röntgenlicht***

21.4.1998 0:00 W7AS-Seminar

**S. Zoletnik** (KFKJ Budapest)

***Results of electron density fluctuation measurements using the Li-beam diagnostic on W7-AS***

16.4.1998 0:00 W7AS-Seminar

**J. Koponen**

***Particle Transport Results at W7-AS***

7.4.1998 0:00 W7AS-Seminar

**H. Bindslev** (JET)

***Optimising and assessing the diagnostic capability of Collective Thomson Scattering***

7.4.1998 0:00 W7AS-Seminar

**S. Schill F. Gadelmeier**

***Neutronen-Aktivierungsmessungen an Fusionsexperimenten***

3.4.1998 0:00 W7AS-Seminar

**A. Wooton** (University of Texas, Austin)

***Illuminating Magnetic Islands, and Resolving the k-dilemma***

2.4.1998 0:00 W7AS-Seminar

**V. Afrosimov** (Ioffe, St. Petersburg)

***Atomic Collision Physics for Diagnostics of Hot Plasmas and Thin Film Structures***

17.3.1998 0:00 W7AS-Seminar

**O. Grulke** (Univ. Kiel)

***Identifikation kohärenter Strukturen bei schwacher Driftwellenturbulenz***

4.3.1998 0:00 W7AS-Seminar

**H. Laqua, J. Bleuel, J. Koponen, W. Pernreiter, H.-J. Hartfuß, C. Fuchs, H. Walter**

***Probenvorträge DPG-Frühjahrstagung***

10.2.1998 0:00 W7AS-Seminar

**W. Svendsen, M. Saffman** (Risø)

***Fluctuation Measurements at W7-AS using CO2 Laser anemometry***

27.1.1998 0:00 W7AS-Seminar

**E. Solano**



*Effect of electron-ion-friction on bootstrap currents*

1.12.1997 0:00 W7AS-Seminar

**B. Wolle**

*Plasmadiagnostik an Tokamaks mit gemessenen Neutronensignalen*

5.11.1997 0:00 W7AS-Seminar

**M. Anton , S. Fiedler,**

*Datenanalyseverfahren zur Untersuchung von MHD-Aktivität in Fusionsplasmen,  
Lithiumstrahldiagnostik - Status und neue Entwicklungen*

31.10.1997 0:00 W7AS-Seminar

**S. Murakami** (NIFS)

*ECRH-driven electron fluxes in W7-AS*

23.10.1997 0:00 W7AS-Seminar

**J-H Chatenet**

*Self-sustained magnetic islands*

25.9.1997 0:00 W7AS-Seminar

**R. Brakel , H.-J.Hartfuß , H. Maaßberg**

*Probenvortrag für Toki: The role of magnetic shear in the confinement of W7-AS plasmas, Core  
fluctuations and non-thermal electron distributions in W7-AS, Transport analysis in low-  
collisionality W7-AS plasmas*

23.9.1997 0:00 W7AS-Seminar

**I. Nomura** (NIFS, Nagoya)

*Active Balmer  $\alpha$*

19.9.1997 0:00 W7AS-Seminar

**A. Fujisawa** (NIFS, Nagoya)

*Dynamics and internal structure of potential observed with the HIBP in CHS*

18.9.1997 0:00 W7AS-Seminar

**B. Ernst**

*Ionentemperaturen aus niederenergetischen CX-Messungen an W7-AS*

11.9.1997 0:00 W7AS-Seminar

**C. Wendland**

*Bestimmung interatomarer Abstände an Oberflächen mit Hilfe von Elektronen-  
Energieverlustspektren*

29.8.1997 0:00 W7AS-Seminar

**R. König** (JET)

**Optimierung der ELM-freien "High Performance Hot-Ion H-Mode" am JET**

28.8.1997 0:00 W7AS-Seminar

**A. Werner , H. Maaßberg** (Univ. Gießen)

***Polarisation der stoßinduzierten Lyman- $\alpha$ - und der Balmer- $\alpha$ -Fluoreszenz des atomaren Wasserstoffs, Density Control Problems in Large Stellarators, 3***

25.8.1997 0:00 W7AS-Seminar

**S. Niedner** (Univ. Kiel)

***Stabilität bei der Feedback-Kontrolle chaotischer Systeme***

22.8.1997 0:00 W7AS-Seminar

**A. Latten** (Univ. Kiel)

***Multisondendiagnostik von Driftwellenturbulenz und anomalem Transport***

21.8.1997 0:00 W7AS-Seminar

**J. Knauer,** (Thomson-Streuungs-Spektroskopie unter Verwendung eines CCD-Detektors)

**- Ein Konzept für den W7-AS -**

19.8.1997 0:00 W7AS-Seminar

**H. Callaghan** (University College Cork)

***Rapid Interpretive Method for Equilibrium Reconstruction on W7-AS***

31.7.1997 0:00 W7AS-Seminar

**H. Wobig**

***Bifurkation der Temperatur im Stellarator***

22.7.1997 0:00 W7AS-Seminar

**E. Solano** (FRC, Texas Univ.)

***Spherical Tokamaks***

15.7.1997 0:00 W7AS-Seminar

**W.Svendsen** (Risø, Dänemark)

***CO<sub>2</sub> Laser Scattering Experiment at W7-AS***

8.7.1997 0:00 W7AS-Seminar

**D. Zimmermann**

***Drucken im E3-Netz***

8.7.1997 0:00 W7AS-Seminar

**T. Klinger**

***Nichtlineare Dynamik und Turbulenz in Laborplasmen***

17.6.1997 0:00 W7AS-Seminar

**R. Reichle** (JET)

***Review of JET Results Using Thermography, Influx-Spectroscopy and Bolometry: From Carbon Blooms towards Steady State High Performance and ITER***

17.6.1997 0:00 W7AS-Seminar

**T. Mizuuchi** (Uni Kyoto)

***A Successor Experiment for Heliotron-E***

5.6.1997 0:00 W7AS-Seminar

**E. Suvorov**

***Collective Thomson Scattering at W7-AS***

5.6.1997 0:00 W7AS-Seminar

**R. Brakel**

***Confinement in W7-AS and the Role of Radial Electric Field and Magnetic Shear***

29.4.1997 0:00 W7AS-Seminar

**W. Ott**

***Neutralstrahlmodulation und Heizprofil***

24.4.1997 0:00 W7AS-Seminar

**Boloui** (Uni Heidelberg)

***Studien zum Einsatz von Bonner Kugeln für Neutronenmessungen***

22.4.1997 0:00 W7AS-Seminar

**C. Christou**

***Developments in the W7-AS Visible Spectroscopy System***

15.4.1997 0:00 W7AS-Seminar

**M. Ellmauer**

***Lichtleiterarray-Spektrometersystem zur Messung räumlicher und zeitlicher Plasmaprofile am W7-AS***

27.3.1997 0:00 W7AS-Seminar

**G. S. Lee** (Nat. Fus Res. Center, Taejeon)

***Report on the Southkorean Project: KSTAR***

18.3.1997 0:00 W7AS-Seminar

**T. Geist**

***Entwicklungsstand der W7-X-Diagnostikstützen***

14.3.1997 0:00 W7AS-Seminar

**Teo Chih Yao**

***Global Alfvén Eigenmodes in W7-AS***

11.3.1997 0:00 W7AS-Seminar

**H.P. Laqua**

*Resonante Elektronen-Bernstein-Wellen-Heizung an W7-AS*

27.2.1997 0:00 W7AS-Seminar

**A. Weller**

*Bericht aus Sektion und Wissenschaftlichem Rat der MPG*

25.2.1997 0:00 W7AS-Seminar

**A. Salat**

*Das Alfvén-Kontinuum in MHD-Gleichgewichten ohne Symmetrie*

18.2.1997 0:00 W7AS-Seminar

**M. Maraschek, P. Amadeo** (ENEA Frascati)

*Beobachtung von TAE-Moden in ohmsch geheizten Plasmen, Amplitude Modulation  
Reflectometry on the FTU Tokamak*

4.2.1997 0:00 W7AS-Seminar

**T. Hamacher**

*Brauchen wir die Fusion? Vergleich zwischen der Fusion und ihren Alternativen*

28.1.1997 0:00 W7AS-Seminar

**M. Anton**

*Magnetische Messungen von MHD Instabilitäten*

15.1.1997 0:00 W7AS-Seminar

**H. Maaßberg**

*Alles über Neoklassik*

16.12.1996 0:00 W7AS-Seminar

**S. Krasheninnikov**

*Recombination Effects in Edge Plasmas: Answers and Questions*

25.10.1996 0:00 W7AS-Seminar

**J. Bleuel**

*Die Randschichtfluktuationen an W7-AS*

25.10.1996 0:00 W7AS-Seminar

**C. Görner**

*Erste Ergebnisse der Soft-X-Tomographie mit 10 Kameras am W7-AS*

25.10.1996 0:00 W7AS-Seminar

**M. Hesse**

***Parameterabhängigkeit der Temperaturfluktuationen an W7-AS***

25.10.1996 0:00 W7AS-Seminar

**W. Pernreiter**

***Zyklotronemission bei nicht-thermischer Elektronenenergieverteilung am W7-AS***

25.10.1996 0:00 W7AS-Seminar

**Maruchshen-ko**

***Bounce-averaged Fokker-Planck Simulations of ECRH and ICRH***

25.10.1996 0:00 W7AS-Seminar

**N. Rust**

***Schnelle Ionen an W7-AS***

25.10.1996 0:00 W7AS-Seminar

**G. Beikert**

***Monte-Carlo-Simulation des Neutronentransports in W7-AS***

25.10.1996 0:00 W7AS-Seminar

**H. Walter**

***Störexperimente zur Untersuchung des Energietransports in W7-AS***

25.10.1996 0:00 W7AS-Seminar

**J. Koponen**

***Electron density profile reconstruction from W7-AS multichannel microwave interferometer data***

25.10.1996 0:00 W7AS-Seminar

**L. Ledl**

***Aufbau, Inbetriebnahme und erste Ergebnisse des Verunreinigungspelletinjektors am W7-AS***

25.10.1996 0:00 W7AS-Seminar

**C. Fuchs**

***Messung der Liniendichte am W7-AS über den Cotton-Mouton-Effekt***

26.9.1996 0:00 W7AS-Seminar

**P. Grigull , R. Jaenicke, V. Erckmann , M. Hirsch , U. Stroth**

***IAEA Probevorträge, High Recycling in W7-AS Island Divertor Configurations, High Ion Temperatures and High  $\beta$  in W7-AS, High Density ECRH and Shear Related Confinement with ECCD in W7-AS, Comparative Studies of Stellarator and Tokamak Transport, Edge Transport Barrier and Edge Turbulence during H-Mode Operation in W7-AS Stellarator***

29.8.1996 0:00 W7AS-Seminar

**Moyer (G.A. San Diego)**

***Turbulence Suppression and Transport Barrier Formation in DIII-D H-Modes***

9.8.1996 0:00 W7AS-Seminar

**H. Callaghan** (University College Cork)

***Rapid Recovery of Finite  $\beta$  W7AS Equilibria Using Function Parametrization***

6.8.1996 0:00 W7AS-Seminar

**F.-P. Penningsfeld**

***Hoch  $b$ -Betrieb und Neutralinjektion in W7-AS***

1.8.1996 0:00 W7AS-Seminar

**J. Koponen**

***Electron Density Profile Reconstruction from W7-AS Multichannel Microwave Interferometer Data***

30.7.1996 0:00 W7AS-Seminar

**J. Knauer**

***Ein Strahlungstransportmodell zur Beschreibung eines Kaskadenbogens***

26.7.1996 0:00 W7AS-Seminar

**S. Zoletnic** (KFKI Budapest)

***Micropellet Injection Experiments at MT-1M (Budapest), Textor and W7-AS***

18.7.1996 0:00 W7AS-Seminar

**B. Wolle** (Uni Heidelberg)

***Aspekte der Neutronendiagnostik: Möglichkeiten und Probleme***

16.7.1996 0:00 W7AS-Seminar

**M. Rom**

***Effect of the Radial Drift of Trapped Suprathermal Electrons on the ECRH Power Deposition Profile***

9.7.1996 0:00 W7AS-Seminar

**M. Anton**

***Röntgentomographie am Tokamak TCV-Lausanne***

21.6.1996 0:00 W7AS-Seminar

**H.J. Hartfuß E. Holzhauer**

***Temperature Fluctuation Measurements at the W7-AS Stellarator Edge Turbulence and Transport Barrier Associated with the H-Mode in the W7-AS Stellarator***

18.6.1996 0:00 W7AS-Seminar

**J. Hofmann**

***Probenvortrag EPS 96 in Kiev: Stellarator Optimization Studies in W7-AS***

21.5.1996 0:00 W7AS-Seminar

**O. Drumbajs, H. Hacker**

*Technisches Rauschen an Gyrotrons, Marfs an W7-AS-Plasmen? (Experimentelle Hinweise)*

14.5.1996 0:00 W7AS-Seminar

**F-P Penningsfeld, J. Hofmann**

*3MW-Neutralinjektion an W7-AS, Randschicht-Topologie und Inselstrukturen in W7-AS*

7.5.1996 0:00 W7AS-Seminar

**D. Hartmann, A. Weller , A. Teo**

*Neue ICRH-Antenne in der Dreiecksebene von W7-AS, Deuteriumsinjektion und Neutronenflüsse in W7AS, Statusbericht zur Anregung von globalen Alfvénmoden (GAE) in W7-AS*

30.4.1996 0:00 W7AS-Seminar

**J. Baldzuhn**

*Radiale elektrische Felder in W7-AS*

23.4.1996 0:00 W7AS-Seminar

**V. Erckmann**

*ECRH: Ergebnisse und Status*

16.4.1996 0:00 W7AS-Seminar

**J. Bleuel**

*Fluktationsmessungen mit Sonden in der Randschicht von W7-AS*

16.4.1996 0:00 W7AS-Seminar

**M. Hirsch**

*Schnelle Vorgänge in der H-Mode an W7-AS, Stichpunkte: H-Mode in NBI-geheizten Entladungen Schnelle Vorgänge: L-H-Übergang Dithers/ELMs am L-H-Übergang ELMs in der H-Mode*

28.3.1996 0:00 W7AS-Seminar

**H.P. Lacqua**

*Elektronenzyklotronheizung durch O-X-B-Modenkonzersion bei Dichten oberhalb des Plasma-cut-offs in W7-AS.*

26.3.1996 0:00 W7AS-Seminar

**G. Kühner**

*Vom Umgang mit einem RDBMS (Relationales Datenbanksystem)*

12.3.1996 0:00 W7AS-Seminar

**R. Brakel N. Rust M. H?se C. Konrad W. Pernreiter J. Bleuel**

*Experimentelle Ergebnisse d. Stellarators W7-AS u. ihre Bedeutung für W7-X Simulation u. Analyse v. Neutralteilchen-Spektren bei W7-AS Elektronentemperatur-Fluktuationsmessungen an Wendelstein 7-AS Dichtefluktuationsmessungen mittels kohärenter Mikrowellenstreuung am Stellerator W7-AS Zyklotronemission bei nicht-thermischer Elektronenenergieverteilung an W7-AS Korrelationsmessungen in der Abschälschicht von W7-AS*

7.3.1996 0:00 W7AS-Seminar

**K. Toi** (NIFS)

*Transition Behaviours of the CHS H-Mode & Cold Pulse Propagation Experiments in JIPP T-II U*

27.2.1996 0:00 W7AS-Seminar

**F. Rau** (IPP)

*Experimente in Spiegel-Konfigurationen*

15.2.1996 0:00 W7AS-Seminar

**C. Fuchs**

*Aufbau eines Polarimeters zur Messung des Cotton-Mouton- sowie des Farady-Effekts am W7-AS*

13.2.1996 0:00 W7AS-Seminar

**A. Ejiri** (NIFS)

*Overview of LHD Diagnostics (Practical Aspects)*

6.2.1996 0:00 W7AS-Seminar

**N. Ruhs**

*Kurzer Überblick über die W7AS-Datenspeicherung und die Benutzung der CD-ROM-Jukebox*

30.1.1996 0:00 W7AS-Seminar

**H. Wobig**

*Onsager-Symmetrie in stoßdominierten Plasmen*

23.1.1996 0:00 W7AS-Seminar

**S. Reibold** (Uni Heidelberg)

*Bestimmung der Ionentemperatur an W7-AS*

5.12.1995 0:00 W7AS-Seminar

**I.N. Sidorenko** (IPP Kharkov NSC)

*Direct Particle Losses in Torsatron/Heliotron Configurations*

24.10.1995 0:00 W7AS-Seminar

**H. P. Laqua**

*Electron Cyclotron Heating of High Density Plasmas ( $N_e > N_{cutoff}$ ) by O-X-B Mode Conversion at W7-AS*



17.10.1995 0:00 W7AS-Seminar

**N. Marushchenko** (IPP Kharkov NSC)

*Kinetic Description of ECRH Produced Suprathermal Electrons in W7-AS*

12.10.1995 0:00 W7AS-Seminar

**Y. Feng**

*Ein 3D Monte Carlo Code für Plasmatransport im Inseldivertor: Entwicklung und erste Anwendungen*

12.10.1995 0:00 W7AS-Seminar

**U. Gasparino**

*An Analysis of Lower Hybrid Power Modulation at JT60-U*

11.8.1995 0:00 W7AS-Seminar

**G. R. Tynan** (Univ. Cal., L. A.)

*On the Origins of Tokamak Edge Turbulence and the H-Mode Transition*

22.6.1995 0:00 W7AS-Seminar

**D. Hartmann**

*Quasilineare Theorie auf dem Prüfstand*

1.6.1995 0:00 W7AS-Seminar

**E. Simmet**

*Übergang vom linearen zum gesättigten Energieeinschluß*

9.5.1995 0:00 W7AS-Seminar

**H. Callaghan** (University College, Cork)

*Fast vacuum flux surface recovery on W7-AS using function parameterization*

4.5.1995 0:00 W7AS-Seminar

**H. Park**

*Role of the Beam Fueling Profile in Confinement of DD and DT Discharges on TFTR and Impact on Scaling Studies*

27.4.1995 0:00 W7AS-Seminar

**H. Maaßberg**

*W7-AS-Elektronenwärmeleitung - was wissen wir wirklich?*

25.4.1995 0:00 W7AS-Seminar

**B. Müller, Offenberger** (Bild der Wissenschaft)

*Wie arbeitet ein Wissenschaftsjournalist?*

11.4.1995 0:00 W7AS-Seminar

**J. Hofmann**

*Neue Ergebnisse der Videodiagnostik in W7AS*

6.4.1995 0:00 W7AS-Seminar

**J. Howard** (Australian Nat. Univ.)

*Tomography and some Applications in Plasma Physics and Microscopy (Vortrag mit Video-Animation)*

4.4.1995 0:00 W7AS-Seminar

**M. Peters** (FOM)

*RTP/W7-AS comparison  $\frac{3}{4}$  status and planning*

30.3.1995 0:00 W7AS-Seminar

**J. Geiger H. Maaßberg**

*Transportoptimierte Konfigurationen in W7-AS*

29.3.1995 0:00 W7AS-Seminar

**Y.Igitkhanov**

*Current Problems of Edge Plasma Physics*

28.3.1995 0:00 W7AS-Seminar

**D. Hildebrandt**

*Injektion von Verunreinigungen in die Randschicht von W7-AS*

21.3.1995 0:00 W7AS-Seminar

**G. Kocsis** (KFKI, Budapest)

*Latest Results Obtained with the Li Beam Diagnostic in W7-AS*

14.3.1995 0:00 W7AS-Seminar

**R. Jaenicke**

*Iota-scans vom Herbst 1994: Analyse der Umgebung  $iota = 1/3$*

21.2.1995 0:00 W7AS-Seminar

**H. Laqua**

*Untersuchung zur ECRH und Modenkopplung für die 2.Harmonische O-Mode in W7-AS*

17.2.1995 0:00 W7AS-Seminar

**E. Unger**

*Radialabhängigkeit des Verunreinigungstransports im Stellarator Wendelstein 7-AS*

17.2.1995 0:00 W7AS-Seminar

**C. Görner**

*Tomographie mit 10 Kameras am Stellarator W7-AS*

17.2.1995 0:00 W7AS-Seminar

**M. H?se**

***Zyklotronemissionsspektroskopie überthermischer Elektronen***

17.2.1995 0:00 W7AS-Seminar

**A. Weller**

***Alfven Wellen in Stellarator- und Tokamakplasmen***

17.2.1995 0:00 W7AS-Seminar

**C. Konrad**

***Dichtefluktuationsmessung am W7-AS durch kohärente Mikrowellenstreuung***

17.2.1995 0:00 W7AS-Seminar

**E. Simmet**

***Der Isotopeneffekt des Energieeinschlusses in ohmschen ASDEX-Entladungen***

14.2.1995 0:00 W7AS-Seminar

**A. Herrmann , M. Langhoff**

***Erste Ergebnisse der Limiterthermographie an W7-AS, Untersuchungen zum dynamischen Wasserstoffinventar in den Limitern von W7-AS***

7.2.1995 0:00 W7AS-Seminar

**B. Jüttner**

***Letzte Ergebnisse mit der Polarisationselektrode an W7-AS***

24.1.1995 0:00 W7AS-Seminar

**M. Kick**

***Höhere Ionentemperaturen in W7-AS durch transportreduzierte Magnetfeldkonfiguration? - Ein Experimentvorschlag***

20.1.1995 0:00 W7AS-Seminar

**H. Bosch**

***Gefäßaktivierung an ASDEX-Upgrade***

19.1.1995 0:00 W7AS-Seminar

**H. Walter**

***Beam-Halo und absorptionskorrigierte Ionentemperatur aus der CX-Diagnostik***

17.1.1995 0:00 W7AS-Seminar

**U. Stroth , A. Weller**

***Energieeinschlußskalierung aus der internationalen Stellaratordatenbank, MHD-Phänomene in W7-AS***

13.1.1995 0:00 W7AS-Seminar

**A. Ejiri, NISF Nagoya**

***MHD-Mode Reconstruction from Homodyne, Reflectometry in CHS***

1.12.1994 0:00 W7AS-Seminar

**J.A.Rome (ORNL)**

***Remarks on SPPS, the U.S. Stellarator Power Plant Study***

17.11.1994 0:00 W7AS-Seminar

**H. Wobig**

***Plasmarotation im Stellarator***

10.11.1994 0:00 W7AS-Seminar

**A. A. Shishkin** (Inst. of Plasma Physics, National Science Center, "Kharkov Institute of Physics and Technology")

***Recent Results on Plasma Confinement Theory in Torsatrons/ Heliotrons***

28.10.1994 0:00 W7AS-Seminar

**G. Beikert (UNI Heidelberg)**

***Monte-Carlo-Simulation des Neutronen- transports in großen Fusionsexperimenten***

6.10.1994 0:00 W7AS-Seminar

**A. Teo (University of Sydney)**

***Experimental Investigation of Alfvén Resonances by Direct Wave Excitation***

23.9.1994 0:00 W7AS-Seminar

**F. Wagner , A. Weller**

***Boundary Layer and H-Mode Studies in W7-AS, Pressure and Energetic Particle Destabilized Global MHD Modes in the Stellarator W7-AS***

20.9.1994 0:00 W7AS-Seminar

**G. Kühner , V. Erckmann,**

***Transport Investigation in the W7-AS Stellarator, Perturbative and Stationary ECRH and ECCD Experiments with 70 and 140 GHz at the W7-AS Stellarator***

5.8.1994 0:00 W7AS-Seminar

**Noterdaeme**

***Overview of past experiments and future plans for ICRH on W7-AS and details of the next step***

28.7.1994 0:00 W7AS-Seminar

**N. Marushchenko (Kharkov)**

***Bounce averaged Fokker-Planck code for a stellarator: results of computations for ECRH in W7-AS***

26.7.1994 0:00 W7AS-Seminar

**D.A. Spong** (ORNL)

***Gyrofluid Model of GAE Instabilities in W7-AS***

25.7.1994 0:00 W7AS-Seminar

**U. Gerstel** (JET)

***Numerische Simulation des Helium-II CX-Spektrums bei Heliuminjektion***

21.7.1994 0:00 W7AS-Seminar

**J. Geiger**

***MHD-Gleichgewicht und Stabilität bei Wendelstein 7-AS***

14.7.1994 0:00 W7AS-Seminar

**J.F.Lyon** (ORNL)

***U.S.Stellarator Power Plant Study - Assessment of Stellarators as Reactors***

8.7.1994 0:00 W7AS-Seminar

**K. Tanaka** (NIFS)

***Temporal Evolution of Electron Density Profiles in H-Mode Plasmas of CHS***

7.7.1994 0:00 W7AS-Seminar

**V.Plyusnin** (IPP Kharkov)

***RF Plasma Heating and Dynamics of ICRF ( $w < w_{ci}$ ) Plasma Build-Up in the URAGAN-3M Torsatron***

21.6.1994 0:00 W7AS-Seminar

**Hartfuß, Niedermeyer, Sattler, Hofmann**

***"Physic Studies in W7-AS" "Turbulent Fluctuations in the Scrape-Off Layer of the ASDEX Tokamak and the W7-AS Stellarator" "Electron Temperature Fluctuations in the Core of the W7-AS Stellarator" "Poloidal and Toroidal Rotation in the W7-AS Stellarator"***

9.6.1994 0:00 W7AS-Seminar

**K. Ida** (NIFS)

***Physical Mechanisms Determining the Radial Electric Field and its Radial Structure in a Toroidal Plasma***

26.5.1994 0:00 W7AS-Seminar

**T.E.Elevant** (Royal Institute of Technology, Stockholm)

***"Neutron Diagnostics at JET and possible applications to W7-X"***

19.5.1994 0:00 W7AS-Seminar

**M. Endler**

***PSI-Probevortrag: Turbulent Fluctuations in the SOL of the ASDEX Tokamak and the W7-AS Stellarator***

22.3.1994 0:00 W7AS-Seminar

**Jaenicke**

***Experimentprogramm 1994***

4.3.1994 0:00 W7AS-Seminar

**G. Herre**

***Transportuntersuchung in der Plasmarandschicht am W7-AS***

4.3.1994 0:00 W7AS-Seminar

**O. Heinrich**

***CX-Ionentemperaturen in der Plasmarandschicht von ASDEX und W7-AS***

4.3.1994 0:00 W7AS-Seminar

**G. Theimer**

***Modellierung elektrostatischer Fluktuationen in der Abschältschicht des Tokamak Asdex***

4.3.1994 0:00 W7AS-Seminar

**C. Konrad**

***Erste Ergebnisse der kohärenten Mikrowellenstreuung am Stellarator Wendelstein 7-AS***

4.3.1994 0:00 W7AS-Seminar

**E. Unger**

***Transportuntersuchungen an Niedrig-Z-Verunreinigungen im Stellarator W7-AS***

28.2.1994 0:00 W7AS-Seminar

**U. Stroth**

***Transport: Vergleich Stellarator-Tokamak (Vortrag DPG)***

22.2.1994 0:00 W7AS-Seminar

**Würsching, Geist**

***Mikrowellen-Mehrkanal-Interferometer für W7AS, Status***

10.2.1994 0:00 W7AS-Seminar

**Wobig**

***Gibt es eine Beziehung zwischen Venus und Wendelstein 7-AS***

3.2.1994 0:00 W7AS-Seminar

(\*)

***Programmdiskussion W7-AS für 1994***

1.2.1994 0:00 W7AS-Seminar

**K. Engelhardt**

***UNIX-Kurzlehrgang für CMS-Benutzer***

1.2.1994 0:00 W7AS-Seminar

**A. Dodhy**

***Vielkanalstreuung mit dem Neodym-YAG-Laser, Status***

28.1.1994 0:00 W7AS-Seminar

**N. Karolin** (Kurchatov Inst.)

***Anwendung des zeitabhängigen Tokamak-Transportcodes ASTRA auf den Stellarator***

27.1.1994 0:00 W7AS-Seminar

**M. Zerbini** (ENEA CRE Frascati)

***Amplitude Modulation Reflectometry on W7AS and on FTU-Tokamak***

27.1.1994 0:00 W7AS-Seminar

**M. Hirsch**

***W7AS Reflektometer: Verändertes Frontend und Amplitudenmodulation zur Profilbestimmung***

25.1.1994 0:00 W7AS-Seminar

**J. Das**

***Ha Measurements Planned for the New Limiters of W7AS***

25.1.1994 0:00 W7AS-Seminar

**A. Hermann**

***Infrarot-Thermographie an den W7AS-Limitern***

25.1.1994 0:00 W7AS-Seminar

**L. Giannone**

***Asdex-Upgrade-Bolometer an W7AS***

20.1.1994 0:00 W7AS-Seminar

**H. Kroiss**

***W7AS EDV - Status und Planung 1994***

20.1.1994 0:00 W7AS-Seminar

**A. Schiavi**

***Korrelationen von Umladungsflüssen mit Plasmaparametern in W7AS***

18.1.1994 0:00 W7AS-Seminar

**A. Verga** (IMT Marseille)

***Interchange Instability Turbulence Model in Edge Tokamak Plasma***

18.1.1994 0:00 W7AS-Seminar

**M. Kick**

***Ionentemperaturmessung bei kombinierter Heizung (140GHz-ECRH und NI) an W7AS***

11.1.1994 0:00 W7AS-Seminar

**L. Giannone**

*Messung von Dichte-, Temperatur- und Potentialfluktuationen mit schnell gesweepen Langmuirsonden in W7-AS*

14.12.1993 0:00 W7AS-Seminar

**J. Geiger**

*NEMEC-Rechnungen mit toroidalem Netto-strom für W7-AS*

14.12.1993 0:00 W7AS-Seminar

**R. Jaenicke**

*Experimente mit großen toroidalen Nettoströmen an W7-AS: Ziele, Probleme, Ergebnisse*

9.12.1993 0:00 W7AS-Seminar

**Hartfuß/ Stroth**

*Bericht vom "Local Transport Workshop" (Varenna)*

7.12.1993 0:00 W7AS-Seminar

**W. Mandl**

*Ladungsaustauschspektroskopie an DIII-D (Erweiterung der Diagnostik und umfassende Datenauswertung)*

2.12.1993 0:00 W7AS-Seminar

**C. Konrad**

*Erste Meßergebnisse der Mikrowellenstreuung*

2.12.1993 0:00 W7AS-Seminar

**M. Hirsch**

*Neue Ergebnisse der Reflektometrie*

2.12.1993 0:00 W7AS-Seminar

**E. Unger**

*Ergebnisse der Gasoszillationsexperimente*

2.12.1993 0:00 W7AS-Seminar

**U. Stroth**

*Transienter Transport bei Leistungsstufen*

2.12.1993 0:00 W7AS-Seminar

**F. Rau**

*Vergleich von hoch-b Entladungen in Spiegelkonfigurationen*

2.12.1993 0:00 W7AS-Seminar

**K. McCormick**



***Erste Meßergebnisse mit dem Lithiumstrahl***

2.12.1993 0:00 W7AS-Seminar

**R. Burhenn**

***iota-Abhängigkeit des Transports***

1.12.1993 0:00 W7AS-Seminar

**B. Jüttner**

***Erste Meßergebnisse mit der Polarisations-elektrode***

1.12.1993 0:00 W7AS-Seminar

**R. Brakel**

***Vergleich von He-Glimmentladung und Borierung zur Wandkonditionierung in W7-AS***

1.12.1993 0:00 W7AS-Seminar

**W. Kasperek**

***Kollektive Streuung mi 70/140 GHz***

1.12.1993 0:00 W7AS-Seminar

**A. Bergmann**

***Teilchensimulation des Plasmas vor flachen Langmuirsonden***

1.12.1993 0:00 W7AS-Seminar

**P. Grigull**

***Neue Ergebnisse von Randschichtmessungen: statische Messungen***

1.12.1993 0:00 W7AS-Seminar

**Y. Feng**

***Implementierung des Eirene-Code for Teilchenbilanz und Randschichttransport am W7-AS***

1.12.1993 0:00 W7AS-Seminar

**Y Igitkhanov**

***Non-Local sheath boundary conditions for fluid equations***

1.12.1993 0:00 W7AS-Seminar

**D. Hildebrandt**

***Auswertung der Depositionsproben***

30.11.1993 0:00 W7AS-Seminar

**H. Ringler**

***Interessante Thomsonprofilmessungen***

30.11.1993 0:00 W7AS-Seminar

**G. Kühner**

***Thomsonstreuung bei nicht-thermischer Elektronenverteilung***

30.11.1993 0:00 W7AS-Seminar

**G. Kühner**

***Vergleich und Zuverlässigkeit von Profilmessungen***

30.11.1993 0:00 W7AS-Seminar

**R. Brakel**

***Isotopeneffekt: Vergleich H<sup>+</sup> gegen D<sup>+</sup>***

30.11.1993 0:00 W7AS-Seminar

**J. Baldzuhn**

***H-Mode und H-Mode ähnliche Erscheinungen bei NI***

30.11.1993 0:00 W7AS-Seminar

**F. Wagner**

***Bericht über den H-Mode Workshop***

30.11.1993 0:00 W7AS-Seminar

**R. Jaenicke**

***überlegungen zum H-Mode Arbeitsunkt***

30.11.1993 0:00 W7AS-Seminar

**R. Jaenicke**

***iota-scan vom 17.8.93: Unterschiede, Profile, Fluktuationen***

25.11.1993 0:00 W7AS-Seminar

**Kus**

***IDA - ein Auswerteprogramm für die W7-AS Datenbank***

21.11.1993 0:00 W7AS-Seminar

**H. Yamada**

***Remarks on Application of VMEC and PROCTR to W7-AS***

21.11.1993 0:00 W7AS-Seminar

**S. Morita**

***Zeff Measurement and Comparative Study of H-Mode and Reheat-Mode in W7-AS***

16.11.1993 0:00 W7AS-Seminar

**F.W. Hoffmann**

***Ergebnis der letzten Torusbesichtigung von W7-AS***

12.11.1993 0:00 W7AS-Seminar

**Wegner (DESY-Inst.)**

***Embedded Architectures for Second-Level Triggering (EAST) in Future High Energy Physics Experiments***

9.11.1993 0:00 W7AS-Seminar

**C. Konrad**

***Kohärente Mikrowellenstreuung am Wendelstein 7-AS***

9.11.1993 0:00 W7AS-Seminar

**G. Herre**

***Plasmarandschichtuntersuchungen am W7-AS***

9.11.1993 0:00 W7AS-Seminar

**G. Theimer**

***Identifikation von Einzelereignissen in der Randschichtturbulenz von ASDEX***

9.11.1993 0:00 W7AS-Seminar

**O. Heinrich**

***CX-Ionentemperatur am Plasma rand***

9.11.1993 0:00 W7AS-Seminar

**E. Unger**

***Modulierter Gaseinlaß für Transportuntersuchungen von Niedrig-Z-Verunreinigungen***

9.11.1993 0:00 W7AS-Seminar

**Weller**

***GAE-Moden in W7-AS***

4.11.1993 0:00 W7AS-Seminar

**Marushchenko (Kharkov)**

***Bounce-averaged Fokker-Planck Code: Applications to W7-AS ECRH/ECCD Experiments***

2.11.1993 0:00 W7AS-Seminar

**J. Hofmann**

***Poloidale und toroidale Plasmarotation***

26.10.1993 0:00 W7AS-Seminar

**M. Ballico**

***AS Plasma Startup Experiments on W7-AS***

19.10.1993 0:00 W7AS-Seminar

**U. Gasparino**

***ECCD-Modulation and Rau/Anti-Rau Configurations***

12.10.1993 0:00 W7AS-Seminar

**G. Cattanei**

*Erfahrungen mit der neuen ICRH-Antenne in W7AS*

5.10.1993 0:00 W7AS-Seminar

**J. Baldzuhn**

*He-Gaspuffexperimente für CXRS an W7-AS*

23.9.1993 0:00 W7AS-Seminar

**Bertschinger** (KFA Jülich)

*Ionentemperaturmessung durch Rutherford-Streuung an TEXTOR*

22.9.1993 0:00 W7AS-Seminar

**Anderson** (U.Wisc.)

*The HSX Experiment*

5.8.1993 0:00 W7AS-Seminar

**U. Stroth**

*Transportstudien in transienten Phasen (Vortrag über das EPS-Papier " On the Diffusive Nature of W7-AS Transport*

22.7.1993 0:00 W7AS-Seminar

**V. Erckmann**

*Recent Results with 140 GHz ECRH at the W7-AS Stellarator*

22.7.1993 0:00 W7AS-Seminar

**H. Maaßberg**

*Transport in Stellarators (Termin muß noch bestätigt werden*

22.7.1993 0:00 W7AS-Seminar

**U. Gasparino**

*Study of EC Currenmt Drive Efficiency and Bootstrap Current by Power Modulation Experiments*

22.7.1993 0:00 W7AS-Seminar

**M. Endler**

*Experimental and Theoretical Investigation of Density and Potential Fluctuations in the Scrape off Layer of ASDEX*

15.7.1993 0:00 W7AS-Seminar

**G. Pere-verzev** (Kurcha-tov Inst. Moskow)

*Estimates on Heat Wave Propagation in ASDEX-Upgrade*

29.6.1993 0:00 W7AS-Seminar

**M. Sasinowski** (College of William and Mary, Virginia)

***Eine df-Monte-Carlo-Berechnung des bootstrap-Stromes***

7.6.1993 0:00 W7AS-Seminar

**S. Sattler**

***Fluktuationen der Elektronentemperatur gemessen durch Intensitätsinterferometrie an W7-AS***

27.5.1993 0:00 W7AS-Seminar

**J. Geiger**

***Gleichgewichtsrechnungen mit freiem Rand für W7-AS mittels VMEC***

20.4.1993 0:00 W7AS-Seminar

**R. Bühren**

***Kernfusion - Reale Option oder ewiger Traum (Probevortrag zur Hannover-Messe 93)***

8.4.1993 0:00 W7AS-Seminar

**D. Zimmermann**

***Electronic Mail im E3 net***

6.4.1993 0:00 W7AS-Seminar

**V. Plyusnin (Kharkov)**

***Latest Activities on the Uragan-3M torsatron in Kharkov***

25.3.1993 0:00 W7AS-Seminar

**T. Luce (GA, SD)**

***Newest Off-axis Heating Results on DIII-D***

4.3.1993 0:00 W7AS-Seminar

**Kißlinger**

***Inseldivertorkonzept für W7-AS***

4.3.1993 0:00 W7AS-Seminar

**J. Geiger**

***3-dim. magneto-hydrodynamische Gleichgewichte mit freiem Rand für W7-AS***

4.3.1993 0:00 W7AS-Seminar

**O. Heinriche**

***Ionentemperaturen am Plasmarand von ASDEX und Wendelstein 7-AS***

4.3.1993 0:00 W7AS-Seminar

**H. Hacker**

***Radial aufgelöste Messungen der VUV-Linienstrahlung als Beitrag zum Verunreinigungstransport in W7-AS Plasmen***

4.3.1993 0:00 W7AS-Seminar

**G. Herre**

*Fluktuationsuntersuchungen am Stellarator Wendelstein 7-AS*

4.3.1993 0:00 W7AS-Seminar

**C. Konrad**

*Kohärente Mikrowellenstreuung am Fusionsexperiment Wendelstein 7-AS*

4.3.1993 0:00 W7AS-Seminar

**S. Sattler**

*Intensitätsinterferometrie zur Messung von Temperaturfluktuationen am Stellarator Wendelstein 7-AS*

4.3.1993 0:00 W7AS-Seminar

**G. Theimer**

*Modellierung von Fluktuationen des Raumladungspotentials und der Dichte im Randschichtplasma von ASDEX durch statistische Superpositionen von Einzelereignissen*

4.3.1993 0:00 W7AS-Seminar

**E. Unger**

*Messungen im Extremen Ultraviolett am Wendelstein 7-AS*

4.3.1993 0:00 W7AS-Seminar

**E. Würsching**

*Untersuchungen zum Dichtelimit am W7-AS Stellarator*

25.2.1993 0:00 W7AS-Seminar

**Penningsfeld**

*Time Evolution of NI-Heated shots in W7-AS*

12.2.1993 0:00 W7AS-Seminar

**Zohm, Büchse,**

*m=2: Theorie und Experiment, m=1: Theorie und Experiment*

11.2.1993 0:00 W7AS-Seminar

**Feng (Heidelb.)**

*Grundlagen und Anwendungen des Neutralteilchen-Depositionscodes (SINBAD)*

9.2.1993 0:00 W7AS-Seminar

**Büchse, Zohm**

*MHD-Stabilität: Methoden, MHD-Stabilität Beispiele*

9.2.1993 0:00 W7AS-Seminar

**D. Ryutoff (Novosibirsk)**

*Modulated NI*

8.2.1993 0:00 W7AS-Seminar

**Büchse, Zohm,**  
*MHD-Gleichungen, MHD-Gleichgewicht*

29.1.1993 0:00 W7AS-Seminar

**A. Weller**  
*NI-getriebene globale Alfvén-Wellen (GAE) in W7-AS, Vergleich der experimentellen Daten mit ersten Ergebnissen von MHD-Rechnungen*

26.1.1993 0:00 W7AS-Seminar

**Dr. X. Garbet** (Cadarache)  
*Turbulence Propagation and Transport in Fusion Plasmas*

15.1.1993 0:00 W7AS-Seminar

**Uwe Gerstel (Doktorand)**  
*Simulation von Neutronenspektren bei D-Injektion*

17.12.1992 0:00 W7AS-Seminar

**A. Kislyakov** (IOFFE)  
*Recent Developments of Neutral Particle Diagnostics in the IOFFE Institute*

17.12.1992 0:00 W7AS-Seminar

**S. Geißler**  
*Einbindung von UNIX-Diagnostik-Rechnern in das VMS-Datenerfassungssystem "UDAS"*

16.12.1992 0:00 W7AS-Seminar

**J. Junker , J. Saffert**  
*Vorstellung einer einfachen und schnellen Formelsammlung (Mac Excel), Vorstellung des neuen MUL-Programmes (nmul)*

11.12.1992 0:00 W7AS-Seminar

**U. Stroth**  
*Untersuchungen zur diffusiven Natur des Transports in W7-AS*

1.12.1992 0:00 W7AS-Seminar

**A. Kus U. Stroth**  
*Auswertprogramm und Fortran-Zugriffsroutinen für die W7-AS-ORACLE-Datenbank*

25.11.1992 0:00 W7AS-Seminar

**Kroiss**  
*Einführung in die UDAS Datenerfassung*

27.10.1992 0:00 W7AS-Seminar

**H. Verbeek**

***Statusbericht über LENA an W7-AS***

14.10.1992 0:00 W7AS-Seminar

**U. Schneider, D. Dorst, F. Schneider**

***Stand der W7-AS-Montage, weitere Planung, Stand der Energieversorgungen und Sicherheitseinrichtungen, Stand der Regel- und Meß-Systeme***

12.10.1992 0:00 W7AS-Seminar

**K. Itoh (NIFS)**

***The Physics of a New L Mode Model***

8.10.1992 0:00 W7AS-Seminar

**E. J. Strait (GA)**

***TAE Modes in DIII-D***

29.9.1992 0:00 W7AS-Seminar

**O.Pavlichenkov (Kharvov)**

***Short Review of Reflectometry Activities in Kharkov Institute of Physics and Technology***

28.9.1992 0:00 W7AS-Seminar

**R. Bengtson, Sudo (U.Texas, NIFS)**

***Transport of run away electrons***

25.9.1992 0:00 W7AS-Seminar

**Jaenicke/Brakel/Stäbler**

***IAEA-Probevorträge***

24.9.1992 0:00 W7AS-Seminar

**H. Zohm**

***Untersuchungen zur m=2-Mode in W7-AS***

15.9.1992 0:00 W7AS-Seminar

**B. Scott**

***Visualizing Ballooning Modes***

3.9.1992 0:00 W7AS-Seminar

**A. Teubel , F. Rau**

***Einfluß elektrischer Felder auf die Heizeffizienz in W7-AS, EPS Nachlese: Experimentelle Ergebnisse von CHS (Vortrag Matsuoka)***

11.8.1992 0:00 W7AS-Seminar

**A. Lazaros**

***Unexplained MHD Results of W7-AS***



6.8.1992 0:00 W7AS-Seminar

**S. Kubo , U.Schneider/ D.Dorst,**

***ECRH Power Deposition Profile Estimation from Modulation Experiment in W7-AS,  
Montagearbeiten am W7AS im Sommer 92***

4.8.1992 0:00 W7AS-Seminar

**K.W.Gentle** (Univ. of Texas)

***The Form of the Particle Flux Equation in Tokamaks***

30.7.1992 0:00 W7AS-Seminar

**Ohlendorf**

***Stand der spektroskopischen Ionentemperatur-messung an W7AS***

29.7.1992 0:00 W7AS-Seminar

**R. Waltz** (GA)

***Some thoughts about Stellarator confinement***

21.7.1992 0:00 W7AS-Seminar

**R. C. Isler** (ORNL)

***Radiative Collaps in ATF***

16.7.1992 0:00 W7AS-Seminar

**R. Waltz** (GA)

***Modelling of Almost Dimensional Similar Discharges***

14.7.1992 0:00 W7AS-Seminar

**H.J. Jäckel**

***Divertor-Teilchenflüsse (C, D) in JET bei Auftreten des "C-bloom"***

23.6.1992 0:00 W7AS-Seminar

**H. Zohm**

***Mirnov-Analyse an DIII-D mit "Singular Value Decomposition"***

16.6.1992 0:00 W7AS-Seminar

**W. von der Linden**

***Anwendung der Methode der maximalen Entropie auf Abel-Inversion und Tomographie***

30.4.1992 0:00 W7AS-Seminar

**T. Luce** (G.A.)

***ECH Modulation Experiments on DIII-D***

9.4.1992 0:00 W7AS-Seminar

**Lazaros**

***Progress in the Interpretation of the FIRE-Mode and Status of Fusion Research in the USA***

2.4.1992 0:00 W7AS-Seminar

**Penningsfeld**

***Stand der FAFNER-Rechnungen***

26.3.1992 0:00 W7AS-Seminar

**R. Burhenn**

***Bulk-boronized Limiter Operation in the Wendelstein 7-AS Stellarator***

26.3.1992 0:00 W7AS-Seminar

**F. Sardei**

***Transport Study on the Boundary Plasma of the Wendelstein 7-AS***

26.3.1992 0:00 W7AS-Seminar

**P. Grigull**

***The Impact of Boundary Plasma Conditions on the Plasma Performance of the Wendelstein 7-AS Stellarator***

26.3.1992 0:00 W7AS-Seminar

**K. McCormick**

***Particle and Energy Transport Scalings in the ASDEX Scrape-Off-Layer***

26.3.1992 0:00 W7AS-Seminar

**H. Weisen (CRPP Lausanne)**

***Boundary Ion Temperatures in JET***

19.3.1992 0:00 W7AS-Seminar

**M. Endler**

***Transport durch die Randschicht in ASDEX***

19.3.1992 0:00 W7AS-Seminar

**S. Sattler**

***Kohärente Temperaturfluktuationen am Stellarator Wendelstein 7-AS***

19.3.1992 0:00 W7AS-Seminar

**M. Weinlich**

***Bispektralanalyse der Plasmafluktuationen der Randschicht in verschiedenen Entladungsphasen an ASDEX***

19.3.1992 0:00 W7AS-Seminar

**G. Theimer**

***Simulation der Randschichtturbulenz in ASDEX mit einem Ad-hoc-Modell***

19.3.1992 0:00 W7AS-Seminar

**H. Hacker**

***Reduzierte Strahlungsverluste nach Einbau eines Bor-Kohlenstoff-Limiters und Borierung der Gefäßwand in Wendelstein 7-AS***

19.3.1992 0:00 W7AS-Seminar

**G. Herre**

***Untersuchungen der Plasmarandschicht im W7-AS***

19.3.1992 0:00 W7AS-Seminar

**O. Heinrich**

***Schnelle Analyse von niederenergetischen Neutralteilchenspektren zur Bestimmung des Iontemperaturprofils am Plasmarand***

19.3.1992 0:00 W7AS-Seminar

**E. Unger**

***Möglichkeiten der Absolutkalibrierung eines Grazing-Incidence-Spektrometers für Messungen an einem Fusionsexperiment***

13.3.1992 0:00 W7AS-Seminar

**Rau**

***Modifizierte Vakuumfelder für W7AS bei erhöhtem Spiegelverhältnis***

6.3.1992 0:00 W7AS-Seminar

**Grigull**

***Aspekte des Randschichtplasmas im W7AS***

27.2.1992 0:00 W7AS-Seminar

**Javel**

***Ponderomotive Kraft, Strahlungsdruck und Strahlungsrückwirkung (relativistisch)***

25.2.1992 0:00 W7AS-Seminar

**Murakami (ORNL)**

***Confinement Studies in ATF***

20.2.1992 0:00 W7AS-Seminar

**Wong (PPPL)**

***Recent Results on the TAE Experiment***

13.2.1992 0:00 W7AS-Seminar

**v.Zeppelin**

***Neue Entwicklungen zum FORTRAN PROJECT MANAGEMENT (FPM)***

6.2.1992 0:00 W7AS-Seminar

**Hofmann**

*Localized Impurity Flux Measurements*

6.2.1992 0:00 W7AS-Seminar

**Z?pfel, Maaßberg**

*Vorschau für EPS*

4.2.1992 0:00 W7AS-Seminar

**Mahn / Burhenn**

*Zeff - Messung und - Modellierung*

30.1.1992 0:00 W7AS-Seminar

**Mandl**

*Ladungsaustausch-Spektroskopie bei JET*

11.12.1991 0:00 W7AS-Seminar

**Wolle**

*Interpretationen von Neutronenratenmessung während Neutralteilchen-Injektion*

21.11.1991 0:00 W7AS-Seminar

**Stroth**

*Overview of Current Ramp Experiments*

19.11.1991 0:00 W7AS-Seminar

**Zimmermann**

*Macintosh, Personal Computer und Terminals im E3-Rechnernetz oder: was fange ich mit den drei neuen Dosen in meinem Zimmer an?*

15.11.1991 0:00 W7AS-Seminar

**Schneider U.**

*a) DIII-D Ergebnisse nach Borierungen b) Kurzbericht IEEE, Fusion Engineering, San Diego, 10. 1991*

14.11.1991 0:00 W7AS-Seminar

**Bomba**

*Neutronenmessungen an W7-AS oder: Manche mögen's heiß*

13.11.1991 0:00 W7AS-Seminar

**Preis**

*Neutronen und g-Flußmessungen mit dem NE2213 am ASDEX*

18.10.1991 0:00 W7AS-Seminar

**Lazaros**

*A complete Investigation of the FIRE mode*

15.10.1991 0:00 W7AS-Seminar

**Hildebrandt**

*Meßergebnisse von Depositionssonden im W7-AS*

10.10.1991 0:00 W7AS-Seminar

**Krivenski**

*Kinetic Modification of the Electron Distribution Function during ECRH*

25.9.1991 0:00 W7AS-Seminar

**Cima** (U. Texas Austin)

*Planned Experiments on Temperature Fluctuations at TEXT*

11.9.1991 0:00 W7AS-Seminar

**Feng** (Uni Heidelberg)

*Sindbad - ein neuer Depositionscode für Neutralteilcheninjektion*

6.9.1991 0:00 W7AS-Seminar

**Pavlichenko** (Kharkov)

*New Approach to Plasma Transport in Tokamaks and its Relevance to the W7-AS Data*

5.9.1991 0:00 W7AS-Seminar

**Ida** (Nagoya/ JET)

*Measurements of the radial electric field and parallel viscosity in CHS*

8.8.1991 0:00 W7AS-Seminar

**Hofmann**

*Die Diagnostik VISPEC am W7-AS*

1.8.1991 0:00 W7AS-Seminar

**Ballico**

*Experimental Results of ICRH Experiments on W7-AS*

25.7.1991 0:00 W7AS-Seminar

**Sattler**

*Temperaturfluktuationmessung mit ECE-Radiometrie an W7-AS (Experimentaufbau)*

18.7.1991 0:00 W7AS-Seminar

**Stäbler**

*Dichtelimituntersuchungen an ASDEX*

11.7.1991 0:00 W7AS-Seminar

**Kallenbach**

*Untersuchungen zum Drehimpulstransport an ASDEX*

9.7.1991 0:00 W7AS-Seminar

**Wolff**

***Plasmaranddiagnostik am W7-AS***

5.7.1991 0:00 W7AS-Seminar

**Lazaros**

***Fast Ion Resonant Effect (FIRE) during Parallel Injection in NBI-heated Plasmas***

27.6.1991 0:00 W7AS-Seminar

**Evans (G.E.)**

***Statistical Properties of Intrinsic Topological Noise and Error Fields in Toroidal Confinement Systems***

20.6.1991 0:00 W7AS-Seminar

**Schissel (G.E.)**

***VH-mode: A New Very High Confinement Regime in the Boronized DIII-D Tokamak***

7.6.1991 0:00 W7AS-Seminar

**Petrov (Joffe)**

***Charge-Exchange Diagnostics of Fast Confined Alpha Particles in Fusion Devices***

24.5.1991 0:00 W7AS-Seminar

**Philipona (G.E.)**

***Two Step Turbulence Suppression and  $E \times B$  Plasma Flow measured at the L-3 Transition***

30.4.1991 0:00 W7AS-Seminar

**Weller**

***Injektion von EI-Verunreinigungen in W7-AS - Experimentelle Ergebnisse und Modellrechn.***

25.4.1991 0:00 W7AS-Seminar

**Niedermeyer Film**

***W7-AS-Entladungen***

23.4.1991 0:00 W7AS-Seminar

**Lazaros**

***Ballooning Mode Investigation during High Beta Experiments in W7-AS***

21.3.1991 0:00 W7AS-Seminar

**Zöpfel/Stroth**

***Neutralteilchen-Analyse (Aufbau und erste Ergebnisse am W7-AS)***

15.3.1991 0:00 W7AS-Seminar

**Giannone**

***Review of Heat-Wave and Heat Propagation Experiments***

7.3.1991 0:00 W7AS-Seminar

**Stroth**

***Energietransport in der L-Mode: Theorie und Experiment***

5.3.1991 0:00 W7AS-Seminar

**Zöpfel**

***Neutralteilchen-Analyse (Aufbau und erste Ergebnisse am W7-AS)***

21.2.1991 0:00 W7AS-Seminar

**Karger**

***Insel-Divertor***

19.2.1991 0:00 W7AS-Seminar

**Jaenicke**

***Existenzbereich der  $m = 3$  Mode***

7.2.1991 0:00 W7AS-Seminar

**Leuterer**

***Lower Hybrid Stromtriebwirkungsgrad***

31.1.1991 0:00 W7AS-Seminar

**Krämer (Univ. Bochum)**

***Messung von niederfrequenten und hochfrequenten (LH-) Fluktuationen in der ASDEX-Randschicht***

24.1.1991 0:00 W7AS-Seminar

**Wolle**

***Ein Fokker-Planck-Code für Neutronenraten-Rechnungen***

8.1.1991 0:00 W7AS-Seminar

**Lazaros**

***Plasma-NBI interaction in the W7-AS stellarator***