

Presentations

No.	Speaker	Affiliation	Title
I-01	Guy Matthews	JET-EFDA Culham Science Centre	The JET ITER-like Wall - Status and experimental programme
I-02	Paul Coad	JET-EFDA Culham Science Centre	Overview of JET post-mortem results following the 2007-9 operational period, and comparisons with previous campaigns
I-03	Charles Skinner	Princeton Plasma Physics Laboratory	Lithium wall conditioning and surface dust detection on NSTX
I-04	Marc Missirlian	CEA - IRFM	Fatigue Lifetime and Power Handling Capability of Actively Cooled Plasma Facing Components for ITER Divertor
I-05	Raphael Mitteau	ITER Organization	Lifetime analysis of ITER first wall under steady state and off normal loads
I-06	Philippe Mertens	JET-EFDA Culham Science Centre	Detailed Design of a Solid Tungsten Divertor Row for JET in Relation to the Physics Goals
I-07	Guang-Nan Luo	Institute of Plasma Physics, Chinese Academy of Sciences	Development of W/Cu Divertor Components for EAST
I-08	Monica Ferraris	POLITECNICO DI TORINO	Glass Ceramic Joined SiC/SiC: Properties after Nuclear Irradiation
I-09	Yoshio Ueda	Graduate School of Engineering, Osaka University	Recent Progress of Tungsten R&D for Fusion Application in Japan
I-10	Jeong-Ha You	Max-Planck-Institut für Plasmaphysik	Tungsten Wire-Reinforced Tungsten Matrix Composites: Proof of principle
I-11	Tomasz Plocinski	Warsaw University of Technology	Cs-corrected STEM investigations of an ODS ferritic steel for fusion applications
I-12	Søren Schmidt	Risoe DTU, Technical University of Denmark	Latest Achievements Utilizing the 3DXRD Technique for Non-destructive Characterization of Microstructures
I-13	Charlotte Becquart	Ecole Nationale Supérieure de Chimie de Lille	Modelling of radiation damage in tungsten including He production
I-14	Christoph Hugenschmidt	Technische Universität München	Irradiation Induced Defects in Alloys Examined by Positron Annihilation Spectroscopy
I-15	Thomas Jourdan	CEA - DEN	Insight into defect properties created by irradiation in Fe-C provided by multiscale modelling coupled with resistivity recovery experiments
I-16	Jochen Roth	Max-Planck-Institut für Plasmaphysik	Hydrogen in Tungsten as Plasma-facing Material
I-17	Yuji Hatano	Hydrogen Isotope Research Center, University of Toyama	Wet-chemical methods for fabrication of tritium permeation barrier coatings
I-18	Vladimir Barabash	ITER Organization	Beryllium Qualification Activity for ITER First Wall Applications
I-19	Thomas Schwarz-Selinger	Max-Planck-Institut für Plasmaphysik	Deuterium Retention in and Release from Beryllium Resulting from High Flux Plasma Exposure
I-20	Jan Willem Coenen	Forschungszentrum Jülich	Analysis of Structural Changes and High-Heat-Flux Tests on pre-damaged Tungsten from Tokamak Melt Experiments
I-21	Karl Krieger	Max-Planck-Institut für Plasmaphysik	Transport and screening of ejected tungsten in controlled melt experiments at ASDEX Upgrade
I-22	Gregory de Temmerman	FOM Institute for Plasma Physics Rijnhuizen	ELM-simulation experiments under ITER-like conditions
I-23	Michael Lehnen	Forschungszentrum Jülich	Impact of disruption loads on plasma facing components

O-01	Daria Ivanova	JET-EFDA Culham Science Centre	Overview of the Second Stage in the Comprehensive Mirrors Test in JET
O-02	Dmitry Rudakov	University of California	Arcing in DIII-D as a Source of PFC Erosion and Dust Production
O-03	Volker Philipps	Forschungszentrum Jülich	Deposition and Qualification of Tungsten Coatings Produced by Plasma Deposition in WF6 precursor Gas
O-04	B. Schillinger	Technische Universität München	Neutron tomography as a new method for 3D structure analysis of CFC as plasma facing material
O-05	David Armstrong	University of Oxford	Nanoindentation of Self ion Implanted Tungsten and Tungsten Alloys for Plasma Facing Applications
O-06	Yasuhisa Oya	Shizuoka University	Comparison of deuterium retention for ion-irradiated and neutron-irradiated tungsten
O-07	Masato Yamagiwa	Graduate School of Engineering, Nagoya University	In-situ measurement of hydrogen isotope retention using ion beam analyses during plasma exposure
O-08	Jari Likonon	JET-EFDA Culham Science Centre	Deposition of ¹³ C tracer in the JET MKII-HD divertor
O-09	Klaus Schmid	Max-Planck-Institut für Plasmaphysik	Predicting time evolution of hydrogen co-deposition in ITER based on self consistent global impurity transport modelling
O-10	Dmitry Borodin	Forschungszentrum Jülich	Modelling of Beryllium Erosion/Deposition and Local Transport at ITER First Wall Blanket Modules Using the ERO code
O-11	N. Klimov	SRC RF TRINITI	Tungsten and carbon based PFCs erosion and eroded material deposition under ITER-like ELM and disruption loads at the plasma gun facility QSPA-T
O-12	Gerald Pintsuk	Forschungszentrum Jülich	Thermal shock response of fine and ultra fine grained tungsten based materials