PROGRAMME **Tuesday, October 16, 2007**

	Wagner		
Opening			9:00
T. Klinger, *IPP-Greifswald*	Tu1-1	Physics and progress of the Wendelstein 7-X project	9:15
W. Zwingmann, *CEA Cadarache*	Tu1-2	Integrated Tokamak modelling taskforce: validation of equilibrium reconstruction	10:00
E. Belonohy, *KFKI-RMKI Budapest*	Tu1-3	Systematic study of anomalous transport events on the W7-AS stellarator	10:30
Coffee			10:45
	Dudeck		
M. Otte, *IPP-Greifswald*	Tu2-1	The WEGA stellarator: results and prospects	11:15
J. Badziak, *IPPLM Warsaw*	Tu2-2	Laser driven proton fast ignition of inertial fusion: concepts, issues and prospects	12:00
K. Jungwirth, *ASCR Prague*	Tu2-3	Highlights of the laser plasma research at PALS	12:30
Lunch			13:00
	Sadowski		
O. Grulke, *IPP + Uni Greifswald*	Tu3-1	Spatio-temporal dynamics of drift wave turbulence in a helicon discharge	14:15
M. Leconte, *Uni Marseille*	Tu3-2	Effects of an external magnetostatic perturbation on the dynamics of edge localized modes	15:00
A.N. Karpushov, *EPFL Lausanne*	Tu3-3	Ion temperature fluctuations in elmy H-mode of the X3 EC-heated plasmas of TCV	15:15
P. Manz, *Uni Stuttgart*	Tu3-4	Influence of ExB shear flows on plasma edge turbulence	15:30
M. Scholz, *IPPLM Warsaw*	Tu3-5	Fast neutron source based on Plasma-Focus device	15:45
A. Malinowska, *Soltan Inst. Otwock-Swierk*	Tu3-6	Experimental studies of fast protons originating from fusion reactions in Plasma-Focus device	16:00
Coffee			16:15
Poster	TuP	1 - 45	16:00
Meeting ISC			
Tour IPP	*Hartfuss/ Klinger/ Wagner/ Wolf*		18:00
Reception	*Klinger/ Wagner*		19:00

PROGRAMME **Wednesday, October 17, 2007**

	Biel		
A.E. Costley, *ITER Cadarache*	We1-1	ITER diagnostics	8:30
V.S. Voitsenya, *NSC KIPT Kharkov*	We1-2	Material dependence of the contamination film growth on in-vessel mirrors for plasma diagnostics	9:15
V.I. Tereshin, *NSC KIPT Kharkov*	We1-3	Surface modifications and treatments under influence of plasma streams in wide range of heat loads	9:30
Y.A. Kravtsov, *Space Moscow, Uni Szczecin*	We1-4	Quasi-isotropic approximation and Stokes vector formalism: interrelation between two approaches in plasma polarimetry	10:00
Coffee			10:30
	Klos		
R. König, *IPP-Greifswald*	We2-1	Diagnostic developments for quasi-continuous operation of the Wendelstein 7-X stellarator	10:50
H. Thomson, *IPP-Greifswald*	We2-2	The steady state challenge for the X-ray tomography system on Wendelstein 7-X stellarator	11:20
J. Sarközy, *KFKI-RMKI Budapest*	We2-3	Video diagnostics for W7-X stellarator	11:35
L. Krupnik, *NSC KIPT Kharkov*	We2-4	Recent results and short review on electric potential measurements by HIBP diagnostic	11:50
S. Bondarenko, *NSC KIPT Kharkov*	We2-5	Test bench calibration of the double-slit ion energy analyzer for HIBP diagnostics	12:05
Lunch			12:20
	Musielok		
O. Schmitz, *FZ Jülich*	We3-1	Application of advanced edge diagnostics for transport studies on the stochastic boundary of TEXTOR-DED	14:00
M. Krychowiak, *IPP Greifswald*	We3-2	LIF measurements on an atomic helium beam in the edge of a fusion plasma	14:30
E.O. Baronova, *Kurchatov Moscow*	We3-3	The influence of Stark-effect on the shape of He-like lines in dense plasma	14:45
S Ksiasek, *Uni Opole*	We3-4	Study of longitudinal distribution NeI line radiation in plasma produced in wall-stabilized d.c. arcs applying Ar and He as working gases	15:00
G. Popa, *Uni Iasi, Romania*	We3-5	On the diagnostics methods of the rather dense and magnetized plasma	15:15
S. Noack, *Uni Leipzig*		Spectroscopic analysis of long living plasmoids at atmospheric pressure	15:45
Coffee			16:00
Poster	WeP	1 - 45	16:00
G. Fußmann, *HU Berlin*	*Hartfuß*	Ball lightning - an old puzzle revisited	18:00

PROGRAMME Thursday, October 18, 2007

	Bonhomme		
A. Melzer, *Uni Greifswald*	Th1-1	Strongly coupled dusty plasmas: finite and extended systems	8:30
H.G. Purwins, *Uni Münster*	Th1-2	Self organized patterns in gas-discharge: dissipative solitons and particle-like behavior	9:15
Y. Peng, *Uni Nancy*	Th1-3	Carbon dust growth in a rf-discharge	10:00
Coffee			10:15
	Wolowski		
V.T. Tikhonhuk, *Uni Bordeaux*	Th2-1	Laser-plasma interactions in the context of inertial fusion research	10:35
V.I. Krauz, *Kurchatov Moscow*	Th2-2	Z-pich studies in Russia: present status	11:05
J.D. Skalny, *Uni Bratislava*	Th2-3	Mass spectrometry of ions extracted from air corona discharges	11:35
K. Czaus, *Soltan Inst. Otwock-Swierk*	Th2-4	Modified miniature Thomson-type analyzer for measurements of mass- and energy spectra of ions within plasma facilities	12:05
Lunch			12:20
Greifswald City Tour			13:30
Dinner	*Klinger / Wolf*		19:30

PROGRAMME Friday, October 19, 2007

	Chabert		
J.P. Boeuf, *Uni Toulouse*	Fr1-1	Electron and ion transport in Hall-effect thrusters	8:30
S. Mazouffre, *CNRS Orleans*	Fr1-2	A laser spectroscopic study on Xe^+ ion transport phenomena in the ExB discharge of a Hall-effect thruster	9:15
J. Wolowski, *IPPLM Warsaw*	Fr1-3	Modification of semiconductor materials with the use of plasma produced by low intensity repetitive laser pulses	9:45
A. Rousseau, *CNRS Palaiseaux*	Fe1-4	Micro-jet used as micro-reactor for depollution	10:00
Coffee			10:30
	Fantz		
J. Miseraczyk, *Szewalski Inst. Gdansk*	Fr2-1	Microwave plasma sources	10:50
R. Schrittwieser, *Uni Innsbruck*	Fr2-2	Plasma source with cavity-hollow cathode	11:20
P. Franzen, *IPP-Garching*	Fr2-3	The IPP rf-source: a high power, low pressure negative ion source for the NBI system of ITER	11:50
G.J.M. Hagelaar, *Uni Toulouse*	Fr2-4	Modeling of an inductive negative ion source	12:05
Closing	*Klinger/ Wolf Dudeck*		12:35
Lunch			12:45