

IPP SUMMER UNIVERSITY FOR PLASMA PHYSICS

26. - 30.9.2005 Greifswald / Germany

<http://www.ipp-summeruni.info>

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	Monday, 26.9.	Tuesday, 27.9.	Wednesday 28.9.	Thursday 29.9.	Friday 30.9.
8:30-10:00	Welcome (T. Klinger) Basics: Plasma Physics H.-W. Müller	Plasma Kinetics R. Bilato	Stellarator: Equilibrium, Transport, Optimization R. Kleiber	Plasma Waves and Heating H. P. Laqua	Inertial Fusion by Particle- and Laser beams D. Hoffmann
10:00-10:45	coffee	coffee	coffee	coffee	coffee
10:45-12:15	Basics: Nuclear Fusion D. Hartmann	Tokamak: Equilibrium, Stability, Transport R. Neu	Stellarator: Experimental Results M. Hirsch	Diagnostics for Fusion Plasmas H.-J. Hartfuss	Towards steady state: The W7X project T. Klinger
12.15-13:30	Lunch	Lunch	Lunch	Lunch	11:30-12:45 Lunch
13:30-15:00	Magneto-hydro- dynamics (MHD) B. Scott	Tokamak: Experimental Results R. Dux	12:30 EXCURSION	Plasma Wall Interaction and Materials K. Krieger	-> Roadmap to Fusion: ITER, DEMO ... -> Safety and environmental aspects H.-W. Bartels (ITER)
15:00-15:30	coffee	coffee		coffee	coffee
15:30-17:00	Computational Plasma Physics A. Könies	16:00 Phys. Institut (IfP): Magnetron Plasmas, Reactive Plasmas Dusty Plasmas R. Hippler, J. Meichsner, A. Melzer	TO	~16:00 Institute of Low Temp. Plasma Physics (INP): Industrial Plasma Applications K.-D. Weltmann	END
17:15-	Intro to IPP T. Klinger et al. Visit to IPP	Visit to IfP (Univ.) Laboratories / Observatory	RUEGEN	Visit to INP	
Evening	18:30: IPP Reception	20:00 Public Lecture (Uni Hörsaal) H. Kersten The Plasma Universe	20:00 Dinner (Alter Fritz)		