



MAX-PLANCK-INSTITUT
FÜR PLASMAPHYSIK

IPP Summer University on Plasma Physics and Fusion Research – Garching 11-15 September 2023

	Monday (11.09)	Tuesday (12.09)	Wednesday (13.09)	Thursday (14.09)	Friday (15.09)
08:30	Welcome/HEPP-PhD <i>Ulrich Stroth</i>				
09:00	Basics of Nuclear Fusion and Safety Aspects <i>Rachael McDermott</i>	Basics of Transport in Fusion Plasmas <i>Clemente Angioni</i>	<u>Stellarator:</u> Equilibrium, Stability <i>Ralf Kleiber</i>	Numerical Methods in Plasma Physics <i>Eric Sonnendrücker</i>	ITER the next step <i>Richard Pitts</i>
10:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00	Basics of Plasma Physics <i>Elisabeth Wolfrum</i>	Plasma Wall Interaction and First Wall <i>Udo von Toussaint</i>	<u>Stellarator:</u> Experimental Results <i>Golo Fuchert</i>	<u>Tokamak:</u> Equilibrium, Stability <i>Michael Dunne</i>	Envisioning a Fusion Reactor <i>Hartmut Zohm</i>
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
13:30	Plasma Kinetics <i>Roberto Bilato</i>	Diagnostics for Fusion Plasmas <i>Ralph Dux</i>	Deutsches Museum	<u>Tokamak:</u> Experimental Results <i>Thomas Pütterich</i>	Round Table (13:30-15:00)
15:00	Coffee Break	Coffee Break		Coffee Break	
15:30	Magneto-Hydro-Dynamics (MHD) <i>Omar Maj</i>	Plasma Auxiliary Heating: RF and NBI <i>Volodymyr Bobkov, Niek den Harder</i>		Basics of Inertial Fusion <i>Stefano Atzeni</i>	
17:00	Energy Game <i>Matthias Reich</i>	Tandem / Generators			
18:00			Social Dinner	ASDEX-Upgrade	
18:30	Reception	SMS <i>Magdalena Bauer, Philipp Sand, Marion Smedberg</i>			