

IPP Summer University on Plasma Physics and Fusion Research – Garching 16-20 September 2019

| Time | Monday (16.09) | Tuesday (17.09) | Wednesday (18.09) | Thursday (19.09) | Friday (20.09) |
|-------|--|--|---|--|--|
| 08:40 | Welcome <i>S. Günter</i> | | | | |
| 09:00 | Basics of Nuclear Fusion and Safety Aspects <i>R. McDermott</i> | Magneto-Hydro-Dynamics (MHD) <i>O. Maj</i> | Diagnostics for Fusion Plasmas <i>A. Kappatou</i> | Stellarator: Equilibrium, Stability <i>R. Kleiber</i> | <i>Computational Plasma Physics</i> <i>E. Sonnendrücker</i> |
| 10:30 | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| 11:00 | Basics of Plasma Physics <i>E. Poli</i> | Basics of Transport in Fusion Plasmas <i>C. Angioni</i> | Plasma Wall Interaction and First Wall <i>U. von Toussaint</i> | Stellarator: Experimental Results <i>M. Hirsch</i> | <i>ITER: the Next Step</i> <i>R. Pitts</i> |
| 12:30 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:30 | Energy Game <i>S. Fietz</i> | Renewable Energies: <i>Is Fusion Still Needed?</i> <i>F. Wagner</i> | <i>Tokamak:</i> Equilibrium, Stability <i>M. Dunne</i> | ESO Supernova Emission processes in astrophysical plasmas <i>X. Barcons</i> | Envisioning a Fusion Reactor <i>H. Zohm</i> |
| 15:00 | Coffee Break | Coffee Break | Coffee Break | | Round Table (15:10-16:30) END-END-END |
| 15:30 | <i>Plasma Kinetics</i> <i>R. Bilato</i> | Plasma Auxiliary Heating: RF and NBI <i>V. Bobkov/C.Hopf</i> | <i>Tokamak:</i> Experimental Results <i>T. Pütterich</i> | | |
| 17:00 | PhD Network: HEPP <i>U. Stroth</i> | | ASDEX-Upgrade | Social Dinner | |
| 17:30 | SMS | | | | |
| 18:30 | Reception | | | | |