**IMPRS Block Course 2012, Febr. 27. – March 01,:**

**‘Experimental and Theoretical Methods in Surface Science’**

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|  | Monday,  **27.02.2012** | Tuesday, **28.02.2012** | Wednesday,  **29.02.2012** | Thursday, **01.03.2012** |
| **08:00** |  | Breakfast | Breakfast | Breakfast |
| **09:00** |  | ***N. Nilius***  Scanning Tunneling Microscopy | ***K. Christmann***  Surface Thermo-dynamics and Thermal Desorption Spectroscopy | ***M. Eichelbaum*** Electronic Structure of Polycrystalline Catalysts |
| **10:30** |  | Coffee Break | Coffee Break | Coffee Break |
| **11:00** | Arrival | ***M. Heyde***  Atomic Force Microscopy | ***S. Schauermann***  Kinetics & Dynamics at Surfaces by Molecular Beam Methods | ***J. Sauer***  Ab-initio Electronic Structure |
| **12:30** | Lunch | Lunch | Lunch | Lunch |
| **14:00** | ***K. Hermann***  Advanced Surface Structure (interference lattices, nanotubes) | ***A. Fielicke*** Surface Reactions on Cluster Models | ***W. Christen***  Mass Spectrometry | ***S. Levchenko***  Ab-initio Thermodynamics |
| **15:30** | Coffee Break | Coffee Break | Coffee Break | Coffee Break |
| **16:00** | ***K. Horn***  Semiconductor Surfaces and  Interfaces | ***J. Stähler***  Ultrafast Processes | ***T. Risse***  Electron-Paramagnetic Resonance Spectroscopy | ***H.-F. Freund***  Photoelectron Spectroscopy |
| **18:30** | Dinner | Dinner | Dinner | ~17:30 Departure |
| **20:00** |  | | Postersession |