STUDENTS' TALKS SUCCESS-2014

15 minutes talk + 10 minutes questions/discussions

Session 1: Friday 5 September

- 18h00 – 18h25: Stephan Borek
  Calculation of SPLEED patterns, target current and ARPES for various surface systems
- 18h25 – 18h50: Claudia Rödl
  Photoemission and Loss Spectra of CuO from First-Principles Many-Body Calculations
- 18h50 – 19h15: Simon Moser
  Tetragonal CuO: a two dimensional cuprate with novel intralayer coupling

Session 2: Saturday 6 September

- 16h00 – 16h25: Andreas Trützchler
  HHG-based double photoemission spectroscopy from solids
- 16h25 – 16h50: Michael Huth
  Electron pair emission detected by time-of-flight spectrometers: new perspectives
- 16h50 – 17h15: Sascha Zeegers
  Interstellar dust studied through X-ray spectroscopy

Session 3: Saturday 6 September

- 17h45 – 18h10: Hakuto Suzuki
  Angle-resolved photoemission spectroscopy of the isovalent-substituted Fe-based superconductor $SrFe_2(As_{0.65}P_{0.35})_2$
- 18h10 – 18h35: Victor Rogalev
  Fermi states of bulk decagonal ALNiCo quasicrystal
- 18h35 – 19h00: Jayita Nayak
  Bulk electronic structure of quasicrystals studied by HAXPES

Session 4: Friday 12 September

- 8h45 – 9h10: Marcus Dantz
  Quenched Magnon dispersion by oxygen sub-lattice reconstruction in SrCuO2 thin films
- 9h10 – 9h35: Jan Metje
  Monochromatization of femtosecond XUV light pulses with the use of reflection zone plates for time resolved photoelectron spectroscopy
- 9h35 – 10h00: Chris Nicholson
  Ultrafast study of Cr:W(110) Thin Films

Session 5: Friday 12 September

- 10h15 – 10h40: Partha Sarathi Mandal
  Temperature-dependent surface band gap of Dirac fermions observed at the (111) surface of the crystalline topological insulator Pb-Sn-Se
- 10h40 – 11h05: Juhan Matthias Kahk
  The electronic structure of IrO2 and Bi2Ir2O7 studied by high-resolution HAXPES and DFT