

Programme

Joint German-Russian "Kick-Off" Workshop – 'XUV Photoionization Phenomena of Dilute Species'

Monday, 21-FEB-2011, DESY Building 48e, Room L202

Introductory Session (Chair: Michael Meyer)

- 9:00 Edgar Weckert – Welcome
9:10 Hermann Franz – PETRA III
9:40 Kai Tiedtke – FLASH

10:10 – 10:40 Coffee Break and Posters

Session "Molecules" (Chair: Nikolai Kabachnik)

- 10:40 Piero Decleva – High Energy Structures in Molecular Photoionization
11:30 Markus Ilchen – Photoelectron Angular Distribution Studies of Small Molecules
12:00 Alexei Grum-Grzhimailo – On the Pump-Probe Studies of Molecular Photofragmentation

12:30 Workshop Photo

12:40 – 13:50 Lunch (DESY Canteen)

Session "FEL (1)" (Chair: Kai Tiedtke)

- 14:00 Serguei Molodtsov – European XFEL
14:30 Mathias Richter – Atomic and Molecular Physics at Free Electron Lasers
15:00 Elena Gryzlova – Three Photon Processes in the XUV
15:30 Sergey Bobashev – History of Photoionization Devices for X-ray Diagnostic

16:00 – 16:40 Coffee Break and Posters

Session "Correlation/Coherence" (Chair: Jens Viefhaus)

- 16:40 Lorenzo Avaldi – Photoionization towards faster processes and more complex targets
17:30 Leonid Blokhintsev – A new method of description of three-particle Coulombic systems
18:00 Uwe Becker – The Odyssey of an electron in search of its place of origin

19:00 – 22:00 Dinner (Restaurant)

Tuesday, 22-FEB-2011, DESY Building 47c, Room L110 and Building 48e, Room L202

Session "FEL (2) – Experimental Facilities" (Chair: Alexei Grum-Grzhimailo)

- 9:00 Michael Meyer – Preparing the SQS Experiment at the European XFEL
9:30 Nikolai Kabachnik – Angular dependence of the sidebands in Ne *KLL* Auger emission
10:00 Jens Viefhaus – Atomic and Molecular Physics at Beamline P04 of PETRA III
10:30 Yuri Popov – Two-photon Double Ionization of Atoms in Ultrashort X-Laser Pulse

11:00 – 11:30 Coffee Break and Posters

Working Group Project I (Room L110)

- 11:30 – A. Sorokin, H. Kühn, M. Braune
13:00 – Round Table Discussion

Working Group Project II (Room L202)

- A. Grum-Grzhimailo, M. Meyer, N. Kabachnik
J. Viefhaus – Round Table Discussion

13:00 – 14:00 Buffet Lunch

14:00 - 15:00 Workshop Round Up/Conclusion

15:00 - 17:00 Guided Tour PETRA III / FLASH / European XFEL

18:00 - 20:00 Meetings of the Project Organizing Committees