

ASPIRE Network Meeting – Berlin, 23rd to 25th September 2019

September 23rd 2019, Max Born Institute, Max Born Hall

Tutorial program: Attosecond Science, Ultrafast X-ray Physics, Ultrafast Laser Physics

09:00	Tutorial 1 - Tobias Witting "Generation and characterisation of few-cycle and attosecond laser pulses"
10:30	Tutorial 2 - Jochen Mikosch "Atoms and Molecules in Intense Laser Fields"
12:00	<i>Lunch</i>
13:00	Young researcher presentations 1
13:00	Jennifer Joseph "Angle resolved RABBITT from atoms to molecules."
13:20	Federico Branchi "Laser-driven electron rescattering in 1,3- butadiene"
13:40	Jacqueline Arlt "MFPADs from aromatic molecules"
14:00	Prabhash Geetha "High-energy ultra-fast optical parametric amplifiers for strong field physics: Generation of high-order harmonics in gases and solids"
14:20	Mikhail Osolodkov "Generation and characterization of attosecond pulse trains and isolated pulses for coincidence spectroscopy at 100 kHz"
14:40	<i>Coffee break</i>
15:00	Labtour of the MBI
17:00	<i>Bus transfer to Müggelsee</i>
18:00	Dinner at Restaurant Boat "Windflüchter"
21:00	<i>Bus transfer to Hotel Dorint</i>

September 24th 2019, Max Born Institute, Max Born Hall

09:00	Scientific Talk Kiyoshi Ueda "Ultrafast structural and electronic dynamics probed by X-ray free-electron lasers"
10:00	Scientific Talk Markus Gühr "What does it take to characterize the photoexcited state of a molecule?"
11:00	<i>Coffee break</i>
11:30	Young researcher presentations 2
11:30	Constant Schouder "Structure determination of molecular dimers embedded in helium droplets"
11:50	Giammarco Nalin "Experimental report on PECD in trifluoromethyloxirane"

12:10	Ayse Duran "Updates on the Multi Anode Vacuum Imaging Detector"	
12:30	<i>Lunch</i>	
13:10	Young researcher presentations 3	
13:10	Dhirendra Singh "Multiphoton photoelectron circular dichroism."	
13:30	Hassan Ganjitabar "Decoupling the vibration and kinetic energy effects on the PECD of monoterpenes in single photoionisation regime"	
13:50	Rim Hadidi "PECD of chiral gas phase systems : case of amino-acids"	
14:10	Isabel Vela-Perez "Inner-shell molecular frame photoelectron angular distributions towards the high energy limit"	
14:30	<i>Coffee break</i>	
15:00	Scientific Talk Franck Lépine "Large molecular species under XUV excitation: charge and non-adiabatic ultrafast dynamics"	
16:00	<i>Bus transfer to Berlin City Center</i>	
17:00	Guided walking tour Berlin City Center: "Tracing Science in Berlin through the Centuries"	
19:00	Dinner at Restaurant "Zollpackhof" Berlin City	
21:30	<i>Bus returns to Hotel Dorint</i>	
September 25th 2019, Max Born Institute		
09:00	Project Board Meeting – Seminar room, House A, MBI	Young Researcher Career event – Seminar room, House B, MBI
Max Born Institute, Max Born Hall		
10:30	<i>Coffee break</i>	
11:00	Scientific Talk Francois Legaré "Tracking the Phase Transition in VO ₂ using High Harmonic Spectroscopy"	
12:00	Scientific Talk Nora Berrah "Ultrafast Molecular Dynamics: Toward Making the Molecular Movie"	
13:00	<i>Lunch</i>	
14:00	MBI Colloquium Reinhard Dörner "Imaging molecules with photo electrons"	