

IMPRS-APS Annual Meeting 2015

Ringberg Castle, November 23rd - 25th
Program

Monday, 23.11	Tuesday, 24.11	Wednesday, 25.11
8:30 <i>Departure of bus from MPQ</i>		
8:45 <i>Departure of bus U6 Garching Forschungszentrum</i>		
9:25	Benedikt Günther The Munich Compact Light Source	Dominik Ehberger Electron pulse compression with THz transients for time-resolved electron diffraction
9:50	Haochuan Wang High power, multi-terawatt field synthesizer	Andrey Ryabov Towards time-resolved electron imaging
10:15	<i>Info session about thesis advisory committees</i>	Kellie Pearce Ultrafast control of EOT through nanohole arrays
<i>Arrival</i>		
10:40 <i>Coffee and opening remarks</i>	<i>Coffee break</i>	<i>Coffee break</i>
11:00 Daniel Hutzler Coupling between symmetric and antisymmetric OH stretching vibrations in small water clusters	Constantin Klier Quantum radiation in particle-in-cell simulations	Liding Zhang Investigation of novel interfacial alkyne-precursor based on carbon-nanostructures for optoelectronics with surface probe microscopy and PES
11:25 Bastian Baudisch Transient absorption spectroscopy in high pressure and gravity jets: liquid water and TTBC	Arnau Pons Domenech First year results in investigating the simulation of vacuum strong field effects	Ayman Akil Rabi flopping in GaAs
11:50 Hui Li Steering electron emission from nano-clusters using few-cycle laser pulses	Fabian Lackner Ab-initio simulation of high harmonic generation in beryllium	Michael Wismer Strong-field resonant dynamics in semiconductors
12:30 <i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:00 Giacomo Barbone New frontiers in neuro-imaging: initial perspective on how x-ray phase contrast imaging can be used in neurology research and clinical diagnostics	Marcus Ossiander Attosecond electron dynamics in layered systems	Nicholas Karpowicz Advice on choosing postdoc positions
14:25 Matthias Würfl Monte Carlo studies for the development of LION radiography	Clemens Jakubeit High harmonic generation from 2 μm few-cycle pulses	<i>Departure</i>
14:50 Ingrid Valencia Lozano Simulation studies on prompt-gamma events and image reconstruction during proton therapy treatments	Daniel Rivas Generation of intense isolated attosecond pulses for XUV-pump/XUV-probe experiments at 100 eV	
15:15 Hao Ding Optical probing of laser wake-field acceleration	Group photo by the castle	
15:40 <i>Coffee break</i>	<i>Coffee break</i>	
16:00 Martin Kaumanns Modeling of Yb:YAG thin disk laser amplifiers with multi-kHz repetition rate	Lisa Grad Interaction of metal-organic interfaces probed with momentum spectroscopy	
16:25 Mathias Krüger Increasing the energy of the PFS pump chain to 10 J	Marinus Huber (16:20) fs-laser activated plasmonic substrates for cell transfection	
16:50 Max Gilljohann Status of LFWA at LEX Photonics	Stefan Donsa (16:40) Non-equilibrium dynamics of a few site Hubbard model	
17:15 Tobias Ostermayr Isolated targets for laser plasma experiments	Interviews with new applicants	
17:40 <i>Castle tour</i>		
18:30 <i>Dinner</i>	<i>Dinner</i>	
20:00 <i>Poster session I</i>	<i>Poster session II</i>	