

Preliminary Program Annual Meeting IMPRS-APS 2017 Ringberg Castle, 29.11.-01.12.		
Arrival <i>bus will depart from MPQ at 10:30 a.m. (s.t., please be on time)</i>		
Lunch		12:30 – 13:50
Welcome & Opening Remarks		13:50 – 14:00
WEDNESDAY, November 29, Session 1		Chair: Kling
Nathalie Nagl	<i>Nonlinear spectral broadening and characterization of pulses from a Cr:ZnS femtosecond oscillator</i>	14:00 – 14:20
Maximilian Seeger	<i>Generation and Applications of CEP-stable MIR-radiation</i>	14:20 – 14:40
Mikhail Mamaikin	<i>Propagation of spatiotemporal optical solitons in a medium with quadratic nonlinearity</i>	14:40 – 15:00
Enrico Ridente	<i>Optical probing, wavefront reconstruction of a high-power laser focus and ... EOS</i>	15:00 – 15:20
Coffee break		15:20 – 15:40
WEDNESDAY, November 29, Session 2		Chair: de Vivie-Riedle
Theresa Buberl	<i>Field-resolved differential molecular fingerprinting</i>	15:40 – 16:00
Christina Hofer	<i>Towards quantum-noise-limited ultrabroadband electro-optical sampling</i>	16:00 – 16:20
Sebastian Reiter	<i>Influence of Neighboring Nucleobases on the Photostability of Uracil - Quantum Dynamics in Explicit Biological Environments</i>	16:20 – 16:40
Sonja Tauchert	<i>Studies on the correlation between photoluminescence intensity and topography in (6,5) Carbon Nanotubes using Tip-enhanced near-field optical microscopy</i>	16:40 – 17:00
Closed session: interviews with applicants		17:00 – 18:30
Dinner		18.30
IMPRS Peer-to-Peer Mentoring		20:00 – 22:00

THURSDAY, November 30, Session 1		Chair: Yakovlev	9:00 – 10:40
Arnau Domenech Pons	<i>Third year results in investigating the simulation of vacuum strong field effects</i>		9:00 – 9:25
Stefan Donsa	<i>Strong-fields dynamics of doubly excited states in helium</i>		9:25 – 9:50
Isabella Floss	<i>Multi-scale simulation of ultra-short pulses interacting with condensed matter: high harmonic generation</i>		9:50 – 10:15
Dmitry Zimin	<i>Attosecond Optoelectronic Metrology</i>		10:15 – 10:40
Coffee break			10:40 - 11:00
THURSDAY, November 30, Session 2		Chair: Burger	11:00 – 12:15
Cristina Leonardo	<i>Shedding new light on DNA bases dynamics: a pump-probe study on the alphabet of life.</i>		11:00 – 11:25
Johannes Ehrmaier	<i>Photocatalytic Water-Splitting with carbon nitride materials</i>		11:25 – 11:50
Marinus Huber	<i>Field-Resolved Spectroscopy in the Molecular Fingerprint Region</i>		11:50 – 12:15
Group picture			
Lunch			12:30 - 14:00
THURSDAY, November 30, Session 3		Chair: Lackner	15:00 – 15:45
Vitaly Andreev	<i>Doppler-shift suppression for one-photon transitions in the hydrogen experiment</i>		15:00 – 15:25
Fabian Schmid	<i>Towards High-Precision Spectroscopy of the 1S-2S Transition in He⁺</i>		15:25 – 15:50
Dominik Ehberger	<i>Phase Space Control of Free Electrons with Terahertz Radiation</i>		15:50 – 16:15
Coffee break			16:15- 16:35
THURSDAY, November 30, Session 4		Chair: Karsch	16:35 – 18:15
Martin Kaumanns	<i>Towards kilohertz femtosecond lasers in the kilowatt regime</i>		16:35 – 17:00
Mathias Krüger	<i>PFS Pump Development</i>		17:00 – 17:25
Max Gilljohann	<i>Towards Hybrid Wakefield Acceleration</i>		17:25 – 17:50
Hao Ding	<i>Optical probing of laser-driven plasma waves</i>		17:50 – 18:15
Dinner Bavarian Evening			18:30
IMPRS – election & TAC meetings			20:00 – 22:00

FRIDAY, December 1, Session 1		Chair: Jakubeit	9:15 – 10:30
Gaia Barbiero	<i>High power, Broadband, CEP stable Laser for Stimulated Raman Spectroscopy</i>		9:15 – 9:40
Haochuan Wang	<i>Towards multi-TW, high power light transients</i>		9:40 – 10:05
Matthias Würl	<i>Towards Laser-Driven Proton Radiography</i>		10:05 – 10:30
Coffee Break			10:30 – 10:50
FRIDAY, December 1, Session 2		Chair: Karpowicz	10:50 – 12:30
Christian Burger	<i>Temporal evolution of acetylene after interaction with ultra-short laser pulses</i>		10:50 – 11:25
Sambit Mitra	<i>High-harmonics of tailored low-harmonic fields</i>		11:25 – 11:50
Clemens Jakubeit	<i>HHG from a 2 μm OPCPA</i>		11:50 – 12:15
Lunch			12:30
Concluding remarks			13:45 – 14:00
DEPARTURE after lunch at approx. 14:00			