

IMPRS-MAP Workshop Program

“Ultrafast laser development and applications” at Wildbad Kreuth, July from 26th to 31st, 2015

Sunday, July 26th	
9:00 & 9:20 arrival approx. at 11:00	Bus departure from MPQ & Bus departure from Studentenstadt, U6
16:00 & 16:20 arrival approx. at 18:00	Bus departure from MPQ & Bus departure from Studentenstadt, U6
18:00 - 19:00	Hui Li <i>Life as a PhD student within IMPRS and MAP</i>
19:00 - 20:00	Dinner
20:00 - 21:30	Boris Bergues <i>Life as a postdoc in academia</i>
Monday, July 27th	
9:00 - 10:30	Franz Kärtner (CFEL Hamburg) <i>Broadband waveform synthesis in the mid-infrared</i>
10:30 - 11:00	Coffee break
11:00 - 12:30	Alfred Leitenstorfer (University Konstanz) <i>Ultrabroadband Fiber Laser Technology and Time-Domain Quantum Physics</i>
12:30 - 14:00	Lunch Break
14:00 - 15:30	Regina de Vivie-Riedle (LMU Munich) <i>Molecular processes in ultrashort laser fields</i>
15:30 - 16:00	Coffee Break
16:00 - 17:30	Ulf Kleineberg (LMU Munich) <i>Shaping X-ray pulses on attosecond temporal and nanometer spatial scales</i>
18:30 - 19:30	Dinner
19:30 - 21:30	Poster session 1

Tuesday, July 28th	
9:00 - 10:30	Klaus Achterhold (Technical University Munich) <i>The Munich Compact Light Source</i>
10:30 - 11:00	Coffee Break
11:00 - 12:30	Ralph Ernstorfer (FHI Berlin) <i>Ultrafast angle-resolved photoelectron spectroscopy</i>
12:30 - 14:00	Lunch Break
14:00 - 15:30	Uwe Morgner (University Hanover) <i>Ultrafast lasers development</i>
15:30 - 16:00	Coffee Break
16:00 - 17:30	Mihaela Zigman (LMU/MPQ Munich) / Alexander Apolonskiy (LMU/MPQ Munich) <i>Towards label-free cancer detection using next generation ultrafast laser sources</i>
18:30 - 19:30	Dinner
19:30 - 21:00	Matthias Kling <i>The future of attosecond science</i>

Wednesday, July 29th	
9:00 - 10:30	Thomas Fennel (Rostock University) <i>Time-dependent X-ray diffraction: MICPIC simulations</i>
10:30 - 11:00	Coffee Break
11:00 - 12:30	Julia Herzen (Technical University Munich) / Tobias Saam (LMU Munich) <i>Biomedical X-ray imaging / Preclinical imaging</i>
12:30 - 14:00	Lunch Break
14:00 - 18:30	Free afternoon (hiking)
18:30 - 19:30	Dinner
19:30 - 21:30	Poster session 2

Thursday, July 30th	
9:00 - 10:30	Majed Chergui (EPFL) <i>X-ray photochemistry</i>
10:30 - 11:00	Coffee Break
11:00 - 12:30	Francesca Calegari (CNR-IFN Milan) <i>Attosecond spectroscopy of biomolecules</i>
12:30 - 14:00	Lunch Break
14:00 - 15:30	Paul Bolton (KPSI Kyoto & LMU Munich) <i>Integrated laser-driven ion accelerator systems: progress and challenges for applications</i>
15:30 - 16:00	Coffee Break
16:00 - 17:30	Katia Parodi (LMU Munich) <i>Radiation therapy</i>
18:30 - 19:30	Dinner
19:30 - 21:00	Matthias Kling <i>Academia or industry?</i>

Friday, July, 31st	
9:00 - 10:30	Stefan Karsch (CALA and LMU Munich) <i>Laser-driven free electron X-ray sources and their applications</i>
10:30 - 11:00	Coffee Break
11:00 - 12:30	Michael Molls (Technical University Munich) <i>Radiation treatment of cancers: from x-rays to laser generated ions</i>
12:30 - 14:00	Lunch Break
14:00 - 15:30	Nicholas Karpowicz <i>Attosecond dynamics in nanostructured solids</i>
16:00	Departure