

10th Ringberg Meeting on Science with FELs

<u>Sunday, February 24th, 2019</u>		
> 15:00	<i>Coffee, cake, Garden room</i>	
Chair: Mike Dunne		
16:20	Ilme Schlichting	Welcome
16:30	In Soo Ko	Operational Status of PAL-XFEL
17:00	Dmitry Khakhulin	Femtosecond X-ray Experiments at the European XFEL: capabilities and first results
17:30	Enrico Allaria	EEHG at FERMI for soft x-ray FEL: possibilities and challenges
18:00	Ivan Vartanians	Intensity interferometry and ghost imaging at XFEL sources
18:30	<i>Dinner</i>	
Chair: Serguei Molodtsov		
20:00	Harald Sinn	Drilling with X-ray lasers: Science perspectives and safety challenges
<u>Monday, February 25th, 2019</u>		
Chair: Elke Plönjes		
9:00	Lin Chen	Protein Structural Dynamic Probed by X-rays Triggered by Light, pH and Temperature Stimuli
9:30	Peter Weber	Ultrafast Time-Resolved X-Ray Scattering of Free Molecules: A Molecular Movie Reveals Coherence and Dephasing
10:00	Michael Meyer	Commissioning and first results from the Small Quantum Systems Instrument at European XFEL
10:30	<i>Coffee break</i>	
Chair: Christoph Bostedt		
11:00	Markus Ilchen	Site specific interrogation of ultrafast structural changes in chiral molecules
11:30	Daniel Rolles	Ring opening dynamics in Thiophenone
12:00	James Cryan	Measuring Attosecond Electron Dynamics at Free Electron Laser Facilities

12:30	<i>Group photo (depending on weather)</i>	
12:40	<i>Lunch</i>	
Chair: Kiyoshi Ueda		
14:00	Frank Seiboth	Challenges for single-shot phase-contrast imaging at XFELs
14:30	Mengniang Liang	Fluctuation X-ray Microscopy of Semiconducting Polymer Films
15:00	Yanwen Sun	Probing dynamics with hard X-ray two-pulse speckle visibility spectroscopy
15:30	<i>Coffee break</i>	
Chair: Makina Yabashi		
16:00	Hiroyuki Nojiri	Combining extreme strong pulsed magnetic fields with XFEL-application to field induced phase transitions
16:30	Iwao Matsuda	Study of the resonant magneto-optical and non-linearity effects in condensed matters using soft X-ray FEL
17:00	Mark Dean	Time, momentum and energy-resolved measurements of transient magnetism in quantum materials
17:30	Andrej Singer	Electron phonon interaction studied by XFEL pump-probe measurements
18:00	<i>Tour of the castle</i>	
18:45	<i>Dinner</i>	
Chair: Rebecca Boll		
20:00	Artem Rudenko	X-Ray Driven Molecular Dynamics Studied with Coincidence Experiments
20:30	Beata Ziaja-Motyka /Andew Martin	Visualization of SS dynamics in proteins by X-ray pump probe experiments
<u>Tuesday, February 26th, 2019</u>		
Chair: Diling Zhou		
9:00	Daehyun You	Attosecond-precision coherent control experiment at FERMI
9:30	Haidan Wen	Beyond the comfort zone: FEL studies of monolayer crystals and ferroelectric vortices
10:00	Kenji Tamasaku	X-ray direct and sequential two-photon absorption spectroscopy

10:30	<i>Coffee break</i>	
-------	---------------------	--

Chair: Kevin Prince		
11:00	Laura Foglia	Joy and sorrow of XUV wave-mixing
11:30	Matthias Hoffmann	Terahertz-driven nonlinear phonon dynamics
12:30	<i>Lunch</i>	
14:00	<i>Discussion rounds / Hiking</i>	
18:30	<i>Conference Dinner</i>	
Chair: Wilfried Wurth		
20:00	Ekaterina Zapolnova	THz Doubler: new Concept for THz-XUV pump-probe experiments at FELs
20:30	Markus Kuster	Recent results on MHz frame rate detectors
<u>Wednesday, February 27th, 2019</u>		
Chair: Jose Crespo Lopez-Urrutia		
9:00	Alexander Britz	Recent Advances in Hard X-ray Spectroscopy at LCLS
9:30	Philip Hart	Using the Ultrafast X-ray Imager at FELs
10:00	Céline Mariette	Ultrafast structural dynamics of photoexcited Ti3O5
10:30	Simon Wall	Disorder and inhomogeneity in the insulator-metal phase transformation in VO2
11:15	End of meeting, lunch packages if desired	