

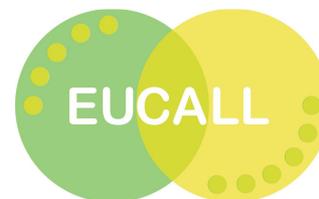
EUCALL Workshop: Biology at Advanced Laser Light Sources
30 November - 01 December 2017

Venue: European X-ray Free-Electron Laser Facility
Holzkoppel 4, 22869 Schenefeld, Germany

Thursday 30 November 2017

Time	Programme
12:00	Registration and light lunch
13:00	<i>Welcome to European XFEL</i> – R. Feidenhans'l / European XFEL
13:05	<i>EUCALL and its Facilities</i> – T. Tschentscher / European XFEL
	Structure Investigations I
13:15	<i>Imaging bio-matter and objects (synchrotrons)</i> – J. Kirz / ALS
13:45	<i>Imaging bio-matter and objects (HHG)</i> – E. Springate / CLF
14:15	<i>Imaging single particles and fixed objects (FELs)</i> – F. Maia / Uni. Uppsala
14:45	<i>The ELIBIO project</i> – J. Hajdu / ELI-Beamlines
15:15	Coffee Break
	Other Methods and Method Development
15:45	<i>Radiobiology at High Power Laser Facilities: The A-SAIL project</i> – K. Price / Queen's Uni. Belfast
16:15	<i>Radiobiology research with laser driven ionizing radiation</i> – K. Hideghéty / ELI-ALPS
16:45	<i>Sample injection techniques</i> – A. Meents / CFEL
17:15	<i>Challenges in data collection, storage, analysis</i> – A. Barty / CFEL
17:45 – 22:00	Poster session and Dinner including rotating facility tours





Friday 1 December 2017

Time	Programme
	Structure Investigations II
09:00	<i>Challenges for crystallography at Synchrotrons and FELs</i> – D. Stuart / Diamond Light Source
09:30	<i>Tracking molecular motion by time-dependant crystallography</i> – R. Neutze / Uni. Gothenberg
10:00	<i>Use of large scale facilities for study of bio-systems by industry</i> – J. Waterman / Diamond Light Source
10:30	Coffee Break
	Structure Investigations III
11:00	<i>Bio-dynamics from SAXS/WAXS experiments</i> – A. Langkilde / Uni. Copenhagen
11:30	<i>Spectroscopy investigations (I)</i> – S. DeBeer / Max Planck Institute
12:00	<i>Spectroscopy investigations (II)</i> – S. Canton / DESY, ELI-ALPS
12:30	End of Workshop

