

European XFEL Users' Meeting — Satellite meeting:

Early science at the Materials Imaging and Dynamics (MID) instrument

Tuesday, 23 January 2018 - Seminar Room E1.173

Headquarters, European XFEL, Holzkoppel 4, 22869 Schenefeld

The aim of the workshop is to inform about how to apply for beam time at the MID station of the European XFEL and which equipment and operation parameters will be available for the start-up. Possibilities for early science will be discussed by invited speakers and staff. A visit of the experiment hall is possible in connection with the workshop.

Organiser: Anders Madsen

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Tuesday, 23 January 2018			
8:00	Registration starts		
8:30	Welcome	S. Molodtsov	European XFEL
8:45	Introduction to MID	A. Madsen	European XFEL
9:30	Microscopic cryogenic liquid jets as novel tool to study non-equilibrium phase transition at European XFEL	A. Schottelius	University of Frankfurt
10:00	High-Purity X-ray Polarimetry - A Unique Method at MID	K. S. Schulze	University of Jena
10:30	Hard X-ray split-delay line for the MID station	S. Eisebitt	MBI Berlin
11:00	Coffee		
11:20	Equilibrium dynamics of deeply supercooled water probed by ultrafast X-ray Speckle Visibility	F. Perakis	Stockholm University
11:50	X-ray diffuse scattering as a probe of anharmonic phonon-phonon coupling in solids	M. Trigo	Stanford University
12:20	Studies of IR laser induced periodic plasma in colloidal crystals probed by XFEL radiation	S. Lazarev	DESY Hamburg
12:50	Summary & Wrap-up		
13:00-14:00	Lunch (jointly with participants of the MID and HED satellite)		
14:00-18:30	Proposal discussions and facility tour		
18:30	Buffet dinner		