

European XFEL Users' Meeting — Programme

24–26 January 2018 / Main Auditorium, Building 5, DESY, Hamburg



As of 04 December 2017

Tuesday, 23 January 2018: European XFEL Satellite Workshops			
Wednesday, 24 January 2018: Plenary Sessions			
8:30–10:00	Registration		
10:00–10:20	Opening Session		
10:00	Welcome	R. Feidenhans'l	European XFEL
10:10	Opening address from the Council Chair	M. M. Nielsen	DTU
10:20–12:50	Project Update Session	<i>Chair: M. M. Nielsen (DTU)</i>	
10:20	General status of the project	R. Feidenhans'l	European XFEL
10:50	Electron accelerator – commissioning experience and plans	H. Weise	DESY
11:20	Photon beamlines commissioning	J. Grünert	European XFEL
11:50	SASE3 instruments – status and plans	S. Molodtsov	European XFEL
12:20	SASE2 instruments – status and plans	A. Madsen	European XFEL
12:50–14:00	Lunch Break		
14:00–17:40	Science Session: Early User Experiments and Hard X-ray FELs Science Highlights	<i>Chair: Nina Rohringer (CFEL-DESY)</i>	
14:00	FXE: instrument and commissioning progress + highlights	Ch. Bressler	European XFEL
14:20	SPB/SFX: instrument and commissioning progress + highlights	A. Mancuso	European XFEL
14:40	Revealing the nanoscale structure of viruses with XFEL pulses	R. Kurta	European XFEL
15:10	Formation of diamonds in laser-compressed hydrocarbons at planetary interior conditions	D. Kraus	HZDR, Dresden
15:40–16:10	Coffee Break		
16:10	Femtosecond response of polyatomic molecules to ultra-intense hard X-rays	B. Erk	DESY, Hamburg
16:40	Drop-on-demand sample delivery for studying biocatalysts in action at X-ray free-electron lasers	F. D. Fuller	LBNL, Berkeley
17:10	Light-induced ultrafast structural reorganizations in the hybrid perovskites	A. Lindenberg	Stanford Univ. and PULSE
18:30	European XFEL Dinner Reception (DESY Canteen)		
Thursday, 25 January 2018, 9:00–10:30 DESY Photon Science Users' Meeting — FLASH			
Thursday, 25 January 2018 Soft X-ray FEL experiments (jointly organized with DESY Photon Science)			
11:00–13:10	Soft X-ray FEL Science Highlights	<i>Chair: S. Molodtsov (European XFEL)</i>	
11:00	Magnetic switching in granular FePt layers promoted by near-field laser enhancement	E. Jal	UPMC Paris
11:30	Quantum imaging with incoherently scattered light from a Free-Electron Laser	J. von Zanthier	FAU Erlangen-Nürnberg
12:00	Coherent diffractive imaging of single helium nanodroplets with a high harmonic generation source	D. Rupp	Max-Born Institute Berlin
12:30	New routes to imaging the classical and quantum dynamics of finite systems	T. Fennel	Univ. Rostock
13:00	ESUO report	U. Pietsch	Univ. Siegen
Thursday, 25 January 2018, afternoon		Satellite and Group Meetings	
Friday, 26 January 2018, 9:00–14:00		DESY Photon Science Users' Meeting — Plenaries	
Friday, 26 January 2018, 14:00–17:00		Poster Session and Vendor Exhibition ("Kuppel Hamburg", Bahrenfeld Trabrennbahn (Jointly organized with DESY))	