

European XFEL Users' Meeting — Programme

29–31 January 2020 / Main Auditorium, Building 5, DESY, Hamburg



21 January 2020

27 - 28 January 2020: European XFEL Satellite Workshops

Wednesday, 29 January 2020: Plenary Sessions

8:30 – 10:00	Registration		
10:15 – 10:35	Opening Session		
10:15	Welcome	R. Feidenhans'l	EuXFEL
10:25	Opening address from the Council Chair	M. Faury	CEA Saclay
10:35 – 12:40	European XFEL Update Session	<i>Chair: M. Faury (CEA)</i>	
10:35	General status of the project	R. Feidenhans'l	EuXFEL
11:10	Electron accelerator – status and further goals	W. Decking	DESY
11:45	Requirements and ideas to reduce experiment data at EuXFEL	S. Aplin	EuXFEL
12:20	News from the European XFEL User Organization	A. Eschenlohr	U Duisburg-Essen
12:40 – 14:00	Lunch Break		
14:00 – 16:00	Science Session I	<i>Chair: O. Alekseeva (RAS)</i>	
14:00	Membrane protein MHz crystallography at the European XFEL	N. Zatsepin	La Trobe
14:30	Coulomb explosion imaging as structural probe of polyatomic molecules	R. Boll	EuXFEL
15:00	Insights into the donor-acceptor properties of base metal free dyads for photocatalysis	M. Bauer	U Paderborn
15:30	MHz X-ray Microscopy at Synchrotron and FEL Facilities	P. Vagovic	DESY/EuXFEL
16:00 – 16:30	Coffee Break		
16:30 – 18:30	Science Session II	<i>Chair: M. Harmand (IMPMC)</i>	
16:30	Nucleation dynamics of skyrmion lattice from magnetic fluctuations phase	B. Pfau	MBI Berlin
17:00	Femto-second holographic X-ray imaging with FEL pulses of laser-induced cavitation bubbles	T. Salditt	Uni. Göttingen
17:30	Static high pressure experiments at European XFEL	S. McWilliams	CSEC Edinburgh
18:00	Elastic and inelastic X-ray scattering from isochorically heated carbon	D. Kraus	HZDR
19:00	European XFEL Dinner Reception (DESY Canteen)		

Thursday, 30 January 2020, 9:00–10:25 DESY Photon Science Users' Meeting — FLASH

Thursday, 30 January 2020, 11:00-13:10 Joint session – Soft X-ray FEL experiments

11:00 – 13:10	Soft X-ray FEL Science Highlights	<i>Chair: S. Molodtsov (EuXFEL)</i>	
11:00	X-ray Lasers Shed Light on the Mysteries of Water	A. Nilsson	U Stockholm
11:30	Imaging nanostructures in superfluid helium droplets	R. Tanyag	MBI Berlin
12:00	Evidence of extreme ultraviolet superfluorescence in Xenon	L. Mercadier	EuXFEL
12:30	Transient magnetic scattering in thin Co/Pt multilayers upon femtosecond IR excitation	I. Pronin	U ITMO St. Petersburg
13:00	ESUO Report	U. Pietsch	U Siegen

Thursday, 30 January 2020, afternoon

Satellite and Special Workshop Meetings

Friday, 31 January 2020, 9:00 – 13:10

DESY Photon Science Users' Meeting — Plenaries

Friday, 31 January 2020

Poster Session (14:00 – 17:00) and Vendor Exhibition (10:00–18:00) ("Kuppel Hamburg", Bahrenfeld Trabrennbahn (Organized by DESY))