

European XFEL Users' Meeting — Programme

21–27 January 2022 Virtual Event – Hamburg/Schenefeld time (CET)

Date: 25 January 2022



21, 24, and 25 January 2022 – Satellite meetings			
Wednesday, 26 January 2022, 9:30–16:50 Plenary Session European XFEL			
9:30 – 11:00	Opening and update Session	<i>Chair: T. Tschentscher (EuXFEL)</i>	
9:30	Welcome by Council Chair	M. Faury	CEA
9:45	Status of the European XFEL	R. Feidenhans'l	EuXFEL
10:10	European XFEL operations	A. Galler M. Scholz	EuXFEL DESY
10:35	FEL source developments	Shan Liu	DESY
11:00 – 11:30	Break		
11:30 – 13:00	Science Session I	<i>Chair: K. Amann-Winkel (U Mainz)</i>	
11:30	Unprecedented ultrafast X-ray emission behavior of a molecular ruby	K. Heinze	U Mainz
12:00	Why I hate icy conditions... dynamic structural biology of the SARS-CoV-2 Papain-Like protease from room temperature studies	A. Orville	DLS
12:30	Ultrafast laser pump x-ray probe studies of Pd particles	A. Stierle	DESY
13:00 – 14:00	Break		
14:00 – 15:30	Science Session II	<i>Chair: M. Harmand (IMPMC)</i>	
14:00	Single-particle imaging using DSSC at SQS	F. Maia	U Uppsala
14:30	hRIXS@SCS: first X-ray commissioning results from cuprate and nickelate Mott insulators	J. Schlappa	EuXFEL
15:00	Studying relativistic plasmas using the ReLaX laser at HED	T. Toncian	HZDR
15:30 – 16:00	Break		
16:00 – 16:55	Science Session III / User Organization announcements	<i>Chair: R. Grisenti (GSI)</i>	
16:00	News from the European XFEL User Organization & Bestowal of the Young Scientist Award	A. Eschenlohr	U Essen-Duisburg
16:25	Young Scientist talk	To be announced	
16:50	Close out	T. Tschentscher	EuXFEL
17:00 – 19:30	Poster Session 1		
Thursday, 27 January 2022, 9:00-12:40 DESY Photon Science Users' Meeting 2022 – FLASH Session			
Thursday, 27 January 2022, 14:00-16:40 DESY & European XFEL Joint session – Soft X-ray FEL experiments			
14:00 – 15:10	Session I	<i>Chair: M. Meyer (EuXFEL)</i>	
14:00	Double core hole dynamics of the H ₂ O molecule in gas phase	M. Simon	LCPMR Paris
14:30	Real-time observation of a correlation-driven sub 3 fs charge migration in ionised adenine	F. Calegari	DESY
15:00	Report by Committee Research with Synchrotron Radiation	J.-D. Grunwaldt	KIT
15:10 – 15:30	Break		
15:30 – 16:40	Session II	<i>Chair: U. Frühling, K. Tiedtke (DESY)</i>	
15:30	Ultrafast excitation of 4f orbital states - a new pathway to control magnetic order in metals	N. Thielemann-Kühn	FU Berlin
16:00	Most advanced photon beams for users from a seeded FEL	L. Giannessi	ELETTRA
16:30	Report by the European Synchrotron and FEL User Organisation	C. McGuinness	Trinity College
16:40	End of session		
17:00 – 19:30	Poster Session 2		
Friday, 28 January 2022, DESY Photon Science Users' Meeting 2022			