

# European XFEL Users' Meeting — Programme

26–30 January 2026 / DESY

Tuesday, 27 January 2026, 09:00-15:30 European XFEL plenary session (DESY auditorium)			
08:00 – 09:00	Registration		
09:00 – 10:45	Opening session	Chair: Serguei Molodtsov (European XFEL)	
09:00	Welcome/Opening	Federico Boscherini	CNR, Trieste
09:05	European XFEL: Current status and future developments	Thomas Feurer	EuXFEL
09:45	First Lasing of an XFEL Oscillator	Harald Sinn	EuXFEL
10:15	European XFEL User Organization and Young Scientist Award	Marc Simon	CNRS-EuXFEL IRL
10:25	Award talk by the winner of the Young Scientist Award	To be announced	
10:45 – 11:15	Tea & coffee break		
11:15 – 12:45	Science session I	Chair: NN	
11:15	Operando Multiscale X-ray Imaging of Defects & Alloying at XFELs in LPBF	Leora Dresselhaus-Marais	SLAC
11:45	Time-resolved RIXS of the laser induced insulator-to-metal transition in NdNiO <sub>3</sub>	Thorsten Schmitt	PSI
12:15	Ultrafast dynamics of photoexcited states in cerium oxide by pump-probe Ce L <sub>3</sub> -edge XANES and EXAFS	Paola Luches	CNR-NANO, Pisa
12:45 – 14:00	Lunch break		
14:00 – 15:30	Science session II	Chair: NN	
14:00	Structure of liquid carbon and mixtures of light elements at high pressures (tbc)	Dominik Kraus	Uni Rostock
14:30	Atomic and molecular quantum dynamics observed with intense attosecond pulses at EuXFEL (tbc)	Thomas Pfeifer	MPIK, Heidelberg
15:00	Investigating protein anomalous diffusion with coherent X-rays	Anita Girelli	Uni Stockholm
From 15:45	 Bus transfer to European XFEL, Schenefeld campus 		
16:30 – 19:00	Poster session I – European XFEL (European XFEL, Schenefeld campus)		
19:00- ~22:00	Get together (Lighthouse visitor center, European XFEL, Schenefeld campus)		
Wednesday, 28 January 2026, 09:00 – 12:20 FLASH plenary session (DESY auditorium)			
Wednesday, 28 January 2026, 14:00 – 15:20 DESY-European XFEL-Joint Session: (DESY auditorium)			
14:00 – 15:20	Joint session: Synergies between FLASH and EuXFEL	Chair: NN	
14:00	Visualizing three-dimensional arrangement of Hydrogen atoms in organic molecules by Coulomb Explosion Imaging (tbc)	Alice Green	Uni Edinburgh
14:20	Coulomb Explosion Imaging und soft X-ray photoelectron spectroscopy	Fabiano Lever (tbc)	DESY
14:40	Soft X-ray ARPES from static to out-of-equilibrium electronic states	Vladimir Strocov	PSI
15:00	K-microscopy	Kai Rossnagel (tbc)	CAU, DESY
15:30-19:00	Poster session II and vendor exhibition – DESY (CFEL, DESY campus)		
Thursday, 29 January 2026, 09:00–16:30 DESY Photon Science & PETRA plenary session (DESY auditorium)			
Thursday, 29 January 2026, 16:30-20:00 Poster session III and Vendor exhibition – DESY (CFEL, DESY campus)			
23, 26, 28, 29 and 30 January 2026: European XFEL Satellite Workshops			