



DESY Photon Science Users' Meeting 2026
European XFEL Users' Meeting 2026
 in Hamburg, Germany
DESY Auditorium (Bldg. 5) & CFEL Foyer (Bldg. 99)



DRAFT Programme

Monday, January 26: Satellite Workshops

Tuesday, January 27: European XFEL Users' Meeting & Satellite Workshops

POSTER SESSION I

(EuXFEL Campus)

European XFEL Get Together

(EuXFEL Campus)

Wednesday, January 28: DESY Photon Science Users' Meeting (FLASH) & Joint Session & Satellite Workshops

08:30 Registration

Chairperson: E. Plönjes (DESY)

09:00	Welcome	Beate Heinemann	DESY Hamburg
09:05	Welcome to the FEL Session	Britta Redlich	DESY Hamburg
09:20	FLASH status und strategy	Markus Gühr	DESY Hamburg
09:50	FLASH 2020+ Activities - Update	Lucas Schaper	DESY Hamburg

10:20 - 11:00 Coffee break

Chairperson: K. Tiedtke (DESY)

11:00	Nitrogen K-edge Time-Resolved XAS for Probing Photoinduced Dynamics in Azobenzene	Rebecca Ingle	University College London
11:20	Femtosecond charge and spin dynamics in a Co50Pt50 alloy	Martin Pavelka	Uppsala University
11:40	Dynamics of CO Photooxidation to CO ₂ on Rutile(110) and Anatase(101) Surfaces	Heshmat Noei	DESY Hamburg
12:00	Melting, Bubblelike Expansion, and Explosion of Superheated Plasmonic Nanoparticles	Simon Dold	European XFEL

12:20 - 14:00 Lunch break

14:00-16:00 Synergies between FLASH and EuXFEL (Jointly organised session)

Chairperson: F. Roth (TU Freiberg)

14:00	Visualizing the Three-Dimensional Arrangement of Hydrogen Atoms in Organic Molecules by Coulomb Explosion Imaging	Alice Green	University of Edinburgh
14:20	Electronic Molecular Movies with FELs: The Ultrafast Dynamics of 2-thiouracil	Fabiano Lever	DESY Hamburg
14:40	Recent experiments at SXP	Vladimir Stokov	PSI Villigen
15:00	Synergistic ultrafast k-microscopy at FLASH and EuXFEL	Kai Rossnagel	CAU Kiel, DESY Hamburg

15:30-19:00 POSTER SESSION II and Vendor exhibition

Coffee break (CFEL)

until 21:00 DESY Get Together

Light dinner (DESY canteen Bldg. 9)

Thursday, 29 January: DESY Photon Science Users' Meeting (PETRA III) & Satellite Workshops

08:30	Registration		
		<i>Chairperson: S. Techert (DESY, Univ. Göttingen)</i>	
09:00	Welcome and Overview DESY Photon Science	Britta Redlich	<i>DESY Hamburg</i>
09:30	PETRA III Status	Christian Schroer	<i>DESY/Univ. Hamburg</i>
10:00	Research with Photons – Light for the Future: News from the KFS (Committee Research with Synchrotron Radiation)	Christian Gutt (KFS Chair)	<i>Univ. Siegen (Germany)</i>
10:15 - 11:00	Coffee break		
		<i>Chairperson: B. Redlich (DESY)</i>	
11:00	PETRA IV Project Status	Harald Reichert	<i>DESY Hamburg</i>
11:30	PETRA IV Experimental Program	Kai Bagschik	<i>DESY Hamburg</i>
12:00	PETRA IV Beamlines with a focus on Imaging	Christian Schroer	<i>DESY/Univ. Hamburg</i>
12:15	PETRA IV Beamlines with a focus on Spectroscopy	Hans-Christian Wille	<i>DESY Hamburg</i>
12:30	PETRA IV Beamlines with a focus on Scattering and Diffraction	Oliver Seeck	<i>DESY Hamburg</i>
12:45 - 14:10	Lunch break		
		<i>Chairperson: S. Roth (DESY, KTH Stockholm)</i>	
14:10	Report of the 'DESY Photon Science User Committee' (DPS-UC) Results of the DPS-UC election	Peter Müller-Buschbaum (DPS-UC Chair)	<i>TU München, Germany</i>
14:20	DESY Photon Science User Award 2025 (ceremony and talk)	Heinz Graafsma (Chair Award commit.)	<i>DESY Hamburg</i>
14:30	X-ray Vision - revealing hidden structures with chemical imaging	Stephen Price	<i>Finden Ltd./University of Sheffield (UK)</i>
14:50	Macromolecular assemblies in realistic solution conditions	Uri Raviv	<i>Hebrew University of Jerusalem (Israel)</i>
15:10	Using X-rays to rejuvenate glasses	Giulio Monaco	<i>Univ. Padova (Italy)</i>
15:30	Quantum technologies meet functional materials: What X-rays can reveal	Martina Müller	<i>Uni Konstanz (Germany)</i>
15:50	Structural features of lignin based thermosets	Mats Johansson	<i>KTH Stockholm (Sweden)</i>
16:10	Catching Matter in the Act: Real-Time Observation of Phase Transformations at Conditions Approaching 1 Mbar and 5000 K	Emma Ehrenreich-Peterson	<i>DESY Hamburg</i>
16:30-20:00	POSTER SESSION III and Vendor exhibition		Coffee break and later snacks (CFEL)

Friday, January 30: Satellite Workshops