

DESY PHOTON SCIENCE USERS' MEETING.



January 30-31, 2020 in Hamburg
DESY Auditorium (Bldg. 5)

DRAFT

Wednesday, January 29 European XFEL Users' Meeting (DESY Auditorium).

Thursday, January 30 DESY Photon Science Users' Meeting - FLASH

Chairperson: E. Plönjes (DESY)

9.00 - 9.05	Welcome	H. Franz (DESY, Hamburg)
9.05 - 9.30	FLASH - today and tomorrow - status report and future plans	M. Beye (DESY/Univ. Hamburg)
9.30 - 10.00	THz/XUV pump-probe experiments for studying local fields and dynamics at surfaces	J. Osterwalder (University of Zurich)
10.00 - 10.30	Distorting atoms – The nonlinear driving of atom-specific transitions with intense XUV light	C. Ott (MPI-K Heidelberg)
10.25 - 11.00	C o f f e e b r e a k	

Soft X-ray FEL experiments

Jointly organised with European XFEL

Chairperson: S. Molodtsov (EuXFEL)

11.00 - 11.30	X-ray Lasers Reveals the Origin of the Anomalous Properties of Water	A. Nilsson (Stockholm University)
11.30 - 12.00	Imaging nanostructures in superfluid helium droplets	R. Tanyag (MBI Berlin)
12.00 - 12.30	Evidence of Extreme Ultraviolet Superfluorescence in Xenon	L. Mercadier (EuXFEL)
12.30 - 13.00	Dynamics of helicity-dependent all-optical magnetisation switching in ultrathin Co films	I. Pronin (Univ. ITMO St. Petersburg)
13.00 - 13.10	ESUO Report	U. Pietsch, ESUO Chair (Univ. Siegen)
13.10 - 14.00	L u n c h b r e a k	

14.00 - 19.00 Satellite meetings

(different locations)

19.00 **R e c e p t i o n** for speakers and participants (in the DESY canteen, bldg. 9)

Friday, January 31 DESY Photon Science Users' Meeting

Chairperson: G. Grübel (DESY)

9.00 - 9.20	Welcome and news from LEAPS	H. Dosch (DESY, Hamburg)
9.20 - 9.50	Photon Science at DESY	E. Weckert (DESY, Hamburg)
9.50 - 10.20	PETRA III and future outlook - PETRA IV	C. Schroer (DESY/Univ. Hamburg)
10.20 - 10.50	C o f f e e b r e a k	

Chairperson: H.-C. Wille (DESY)

10.50 - 11.20	Structural insights into the multifunctional L protein of bunyaviruses	M. Rosenthal (BNI Hamburg)
11.20 - 11.50	Size Induced Structural Changes in Molybdenum Oxide Nanoparticles	T. L. Christiansen (Univ. Copenhagen)
11.50 - 12.20	Investigating Amphiphilic Monolayers with Grazing-Incidence Diffraction and X-ray Fluorescence	E. Schneck (TU Darmstadt)
12.20 - 12.50	Direct imaging of orbitals in quantum materials using inelastic X-ray scattering	L. H. Tjeng (MPI Dresden)
12.50 - 13.00	Report of the User Committee (DPS-UC)	P. Müller-Buschbaum, DPS-UC Chair (TU München)
13.00 - 13.10	Report of the ‚Komitee Forschung mit SR‘ (KFS)	B. Murphy, KFS Chair (Univ. Kiel)
13.10 - 14.00	L u n c h b r e a k	

14.00 - 17.00 **Scientific POSTER SESSION & Vendor exhibition** (10 - 18h)

(“Kuppel Hamburg”, Luruper Chaussee 30, Hamburg Bahrenfeld Trabrennbahn)