

DESY PHOTON SCIENCE USERS' MEETING.



January 24-25, 2019 in Hamburg
DESY Auditorium (Bldg. 5)

DRAFT

Wednesday, January 23 European XFEL Users' Meeting (DESY Auditorium)

Thursday, January 24 DESY Photon Science Users' Meeting - FLASH.

Chairperson: N.N.

9.00 - 9.05	Welcome	Edgar Weckert (DESY, Hamburg)
9.05 - 9.35	FLASH - today and tomorrow- status report and future plans	Wilfried Wurth (DESY/Univ. Hamburg)
9.35 - 10.00	The THz doubler - new opportunities for THz/FEL pump-probe experiments	Nikola Stojanovic (DESY)
10.00 - 10.25	The FLASH2 pump-probe laser - performance and first results from experiments	Tino Lang (DESY)
10.25 - 11.00	Coffee break	

Soft X-ray FEL experiments

Jointly organised with European XFEL

Chairperson: N.N.

11.00 - 11.30	Results from recent experiments with the reaction microscope at FLASH2	Kirsten Schnorr (PSI Villigen)
11.30 - 12.00	Light induced phase transition in magnetic FeRh	Federico Pressacco (Univ. Hamburg)
12.00 - 12.30	When an X-ray Free-Electron Laser behaves like a Laser	Ivan Vartaniants (DESY)
12.30 - 13.00	Angular Streaking at XFELs: Spiralling in on Attosecond X-ray Science	Wolfram Helml (TU Dortmund)
13.00 - 13.10	ESUO Report	Ullrich Pietsch, ESUO Chair (Uni. Siegen)
13.10 - 14.00	Lunch break	

14.00 - 19.00 Satellite meetings

(different locations)

19.00 **Reception** - for speakers and participants (in the DESY canteen, Bldg. 9)

Friday, January 25 DESY Photon Science Users' Meeting.

Chairperson: N.N.

9.00 - 9.20	Welcome and news from LEAPS	Helmut Dosch (DESY, Hamburg)
9.20 - 9.50	Photon science at DESY	Edgar Weckert (DESY, Hamburg)
9.50 - 10.20	PETRA III and future outlook - PETRA IV	Christian Schroer (DESY/Univ. Hamburg)

10.20 - 10.50 **Coffee break**

Chairperson: N.N.

10.50 - 11.20	Separating Dipole and Quadrupole Contributions to Single-Photon Double Ionization	Till Jahnke (Uni Frankfurt)
11.20 - 11.50	Multiscale Control of Nanocellulose Assembly: Transferring Nanoscale Fibril Mechanics to Macroscale Fibers	Daniel Söderberg (KTH Stockholm)
11.50 - 12.20	Seeing Confined Liquid Crystals with X-rays: From Quantized Self-Assembly in Nanopores to Tailorable Photonic Metamaterials	Patrick Huber (Technische Universität Hamburg (TUHH))
12.20 - 12.50	Small-angle X-ray scattering on biological solutions using synchrotron radiation	Dmitri Svergun (EMBL Hamburg)
12.50 - 13.00	Report of the User Committee (DPS-UC)	DPS-UC
13.00 - 13.10	Report of the 'Komitee Forschung mit SR' (KFS)	Bridget Murphy, KFS Chair (Univ. Kiel)

13.10 - 14:00 **Lunch break**

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

("Kuppel Hamburg", Bahrenfeld Trabrennbahn)