

DESY PHOTON SCIENCE USERS' MEETING.



January 29-30, 2015 in Hamburg

DESY Auditorium (Bldg. 5)

Wednesday January 28 **European XFEL Users' Meeting (9.30-18.00 DESY Auditorium)**

Thursday January 29 **Soft X-ray FEL / FLASH experiments**
Jointly organised with European XFEL

Status of FLASH and FEL experiments

9.00 - 9.10 Welcome

9.10 - 9.35 First Lasing at FLASH2

9.35 - 10.00 FLASH - a great facility for time-resolved electron spectroscopy on solids and interfaces

10.00 - 10.30 Snapshots of ultrafast magnetization dynamics

10.30 - 11.00 **Coffee break**

Chairperson: Th. Tschentscher
E. Weckert (DESY, Hamburg)
M. Altarelli (European XFEL, Hamburg)
B. Faatz (DESY, Hamburg)
W. Wurth (DESY/Univ. Hamburg)

J. Lüning (Université Pierre et Marie Curie, Paris)

Using intense FEL radiation for experiments

11.00 - 11.30 Ultrafast dynamics in solids: coupled motion of the lattice, spins and orbitals

11.30 - 12.00 Cluster experiments at the FERMI FEL

12.00 - 12.30 Overview of the results from the LDM collaboration

12.30 - 13.00 Electron rearrangement dynamics in dissociating molecules

13.00 - 14.00 **Lunch break**

Chairperson: J. Feldhaus
S. Johnson (ETH Zürich)

F. Stienkemeier (Freiburg University)
C. Callegari (FERMI Trieste)
K. Schnorr (MPI Heidelberg)

14.00 - 19.00 **Satellite meetings**

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

Friday January 30 **DESY Photon Science Users' Meeting.**

9.00 - 9.10 Welcome to DESY

9.10 - 9.50 Photon science at DESY

9.50 - 10.20 In situ surface crystallography with high-energy X-rays

10.20 - 10.50 **Coffee break**

10.50 - 11.20 Hydrodynamic alignment and assembly of nano-fibrils resulting in strong cellulose filaments

11.20 - 11.50 Enabling flexible polymer tandem solar cells

11.50 - 12.20 Unraveling the activation principles of oncogenic colony stimulating factor 1 receptor: a feast of integrative structural biology

12.20 - 12.35 Report of the Users Committee (DPS-UC)

12.35 - 12.50 Report of the Komitee Forschung mit SR (KFS)

12.50 - 13.00 Report of the Europ. Synchrotron User Organism (ESUO)

13.00 - 14.00 **Lunch break**

Chairperson: W. Drube
E. Weckert (DESY Hamburg)
E. Weckert (DESY Hamburg)
J. Gustafson (Univ. Lund)

Chairperson: G. Grübel
F. Lundell (KTH Stockholm)

J. W. Andreasen (DTU Energy Conversion, TU Denmark)
S. Savvides (Ghent University)

P. Müller-Buschbaum, DPS-UC Chair (TU München)
B. Murphy, KFS Deputy Chair (Univ. Kiel)
U. Pietsch, ESUO Chair (Univ. Siegen)

14.00 - 17.00 **POSTER SESSION and Vendor exhibition** (CFEL Bldg. 99 and FLASH Bldg. 28K & 28C)
Jointly organised with European XFEL

Update: 15. January 2015