

HASYLAB USERS' MEETING.

January 26-27, 2012 in Hamburg

DESY Auditorium (Bldg. 5)



Wednesday January 25 European XFEL Users' Meeting (9.30-18.30 DESY Auditorium)

Thursday January 26 Soft X-ray FEL / FLASH experiments

Jointly organised with European XFEL Users' Meeting

Status of FLASH and new FEL commissioning

9.00 - 9.10	Welcome
9.10 - 9.40	FLASH and FLASH II
9.40 - 10.10	New generation laser amplifier system for FEL applications at DESY
10.10 - 10.30	Status of SACLA at SPring-8
10.30 - 10.50	Status of FERMI in Trieste

Chairperson: E. Weckert
 E. Weckert (DESY, Hamburg)
 M. Altarelli (European XFEL, Hamburg)
 J. Feldhaus (DESY, Hamburg)
 F. Tavella (DESY, Hamburg)
 T. Ishikawa (RIKEN, SPring-8)
 E. Allaria (FERMI@Elettra, Trieste)

10.50 - 11.20 **Coffee break**

Scientific experiments.

11.20 - 11.40	Sequential femtosecond X-ray imaging
11.40 - 12.00	Time-resolved X-ray view on molecular dynamics
12.00 - 12.20	Molecular dynamic processes in spin transition compounds
12.20 - 12.40	Magnetic X-ray Scattering

Chairperson: W. Wurth
 S. Eisebitt (TU Berlin)
 P. Wernet (HZB Berlin)
 W. Gawelda (European XFEL, Hamburg)
 G. Grübel (DESY, Hamburg)

12.40 - 13.40 **Lunch**

14.00-18.00 **Satellite meetings**

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

Friday January 27 HASYLAB Users' Meeting.

9.00 - 9.10	Welcome to DESY
9.10 - 10.00	Photon science at DESY
10.00 - 10.30	Making iron invisible: quantum optics with nuclei

Chairperson: G. Grübel
 H. Dosch (DESY Hamburg)
 E. Weckert (DESY Hamburg)
 R. Röhlsberger (DESY Hamburg)

10.30 - 11.00 **Coffee break**

11.00 - 11.30	Assessment of nanofabricated structures on polymer thin films: scattering measurements at DESY light sources
11.30 - 12.00	Shooting electronic structure movies with time-resolved photoemission
12.00 - 12.15	Report of the HASYLAB Users Committee (HUC)

Chairperson: W. Drube
 T. Ezquerra (CSIC Madrid)
 K. Rossnagel (Kiel Univ.)
 C. Schroer, HUC (Univ. Dresden)

12.15 - 13.15 **Lunch**

13.15 - 13.45	New developments in X-ray microscopy at PETRA III
13.45 - 14.05	Bericht des Komitees für Forschung mit Synchrotronstrahlung (KFS)
14.05 - 14.15	ESUO Report

Chairperson: H. Franz
 C. Schroer (Univ. Dresden)
 W. Wurth, KFS Chair (University of Hamburg)
 U. Pietsch, ESUO Chair (University of Siegen)

14.00 - 17.00 **POSTER SESSION and vendor exhibition (Bldg. 80a)**
 Jointly organised with European XFEL Users' Meeting