

HASYLAB USERS' MEETING.



January 27-28, 2011 in Hamburg

DESY Auditorium (Bldg. 5)

Wednesday January 26 **4th European XFEL Users' Meeting (9.30-18.30 DESY Auditorium)**

Thursday January 27 **Soft X-ray FEL / FLASH experiments**
Jointly organised with European XFEL Users' Meeting

Chairperson: L. Young

Soft x-ray FELs status and experiments

9.00 - 9.10	Welcome	E. Weckert (DESY Hamburg) and M. Altarelli (European XFEL GmbH Hamburg)
9.10 - 9.40	FLASH performance after the upgrade	J. Feldhaus (DESY Hamburg)
9.40 - 10.00	Status FLASH II project	B. Faatz (DESY Hamburg)
10.00 - 10.30	Femtosecond Protein Nanocrystallography	T. White (DESY/CFEL Hamburg)
10.30 - 11.00	Coffee break	

Chairperson: L. Kipp

Scientific experiments.

11.00 - 11.20	Ultrafast dynamics in solids probed with time-resolved spectroscopy	W. Wurth (University of Hamburg)
11.20 - 11.40	Nonlinear X-ray absorption	R. Santra (DESY/CFEL and University of Hamburg)
11.40 - 12:00	Nonlinear effects in atomic one- and two-color photoionization	M. Meyer (European XFEL GmbH Hamburg)
12.00 - 12.20	XUV pump-probe experiments with atoms and molecules at FLASH	R. Moshhammer (Max Planck Institute for Nuclear Physics, Heidelberg)
12.20 - 13.30	Lunch	

14.00-18.00 **Public lectures (Auditorium) and satellite meetings.**

19.30 **Dinner** for participants of the users' meeting (in the DESY canteen annex, Bldg. 9)

Friday January 28 HASYLAB Users' Meeting.

Chairperson: W. Wurth

9.00 - 9.10	Welcome to DESY	H. Dosch (DESY Hamburg)
9.10 - 10.00	Photon science at DESY	E. Weckert (DESY Hamburg)
10.00 - 10.30	The potential of SR μ CT – a case study using a 42-million-year-old fossil insect	H. Pohl (Friedrich Schiller University Jena)

10.30 - 11.00 **Coffee break**

Chairperson: W. Drube

11.00 - 11.30	Periodic dislocations in thin PbSe films	E. Wintersberger (Johannes Kepler University Linz, now DESY Hamburg)
11.30 - 12.00	Synchrotron radiation meets art and archeology: non-destructive spectroscopy and imaging	K. Janssens (University of Antwerp)
12.00 - 12.15	Report of the HASYLAB Users Committee (HUC) and HUC Election	P. Müller-Buschbaum, HUC Chair (TU München)

12.15 - 13.15 **Lunch**

Chairperson: H. Franz

13.15 - 13.45	Myosin motor proteins and cardiomyopathy - contributions from synchrotron studies	T. Kraft (Hannover Medical School)
13.45 - 14.05	Bericht des Komitees für Forschung mit Synchrotronstrahlung (KFS)	U. Pietsch, KFS Chair (University of Siegen)

14.00 - 17.00 **POSTER SESSION and vendor exhibition (AMTF Hall Bldg. 72)**
Jointly organised with European XFEL Users' Meeting

Update: 19. January 2011