

DESY PHOTON SCIENCE USERS' MEETING.



January 30-31, 2014 in Hamburg

DESY Auditorium (Bldg. 5)

Wednesday January 29 **European XFEL Users' Meeting (9.30-18.00 DESY Auditorium)**

Thursday January 30 **Soft X-ray FEL / FLASH experiments**
Jointly organised with European XFEL

Status of FLASH and FEL experiments

9.00 - 9.10	Welcome	Chairperson: S. Teichert E. Weckert (DESY, Hamburg) M. Altarelli (European XFEL, Hamburg) B. Faatz (DESY, Hamburg) J. Viefhaus (DESY, Hamburg) A. Wolf (MPG Heidelberg)
9.10 - 9.40	Status FLASH and FLASH II	
9.40 - 10.00	Shot-to-shot measurements of light polarization	
10.00 - 10.30	Fragmentation pathways of molecular ions after XUV photoionization	

10.30 - 11.00 Coffee break

Using intense FEL radiation for experiments

11.00 - 11.30	Direct and sequential multi-photon ionization processes in rare-gas atoms	Chairperson: W. Eberhardt T. Mazza (European XFEL, Hamburg)
11.30 - 12.00	The shape of single free metal clusters	K.H. Meiwes-Broer (Univ. of Rostock)
12.00 - 12.30	Stimulated X-ray emission for materials science	M. Beye (HZB, Berlin)
12.30 - 13.00	LCLS Stanford - Future of Information Technology	H. Dürr (LCLS, Stanford)

13.00 - 14.00 Lunch break

14.00-19.00 Satellite meetings.

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

Friday January 31 **DESY Photon Science Users' Meeting.**

9.00 - 9.10	Welcome to DESY	Chairperson: A. Stierle E. Weckert (DESY Hamburg)
9.10 - 10.00	Photon science at DESY	E. Weckert (DESY Hamburg)
10.00 - 10.30	In situ X-ray studies of electrodeposition at liquid-liquid interfaces	B. Murphy (University of Kiel)

10.30 - 11.00 Coffee break

11.00 - 11.30	Structural mechanism of cytosolic DNA sensing by cGAS	Chairperson: W. Drube K.-P. Hopfner (LMU München)
11.30 - 12.00	Novel insight into the flow of glasses from simultaneous X-ray scattering and rheology	P. Schall (University of Amsterdam)
12.00 - 12.15	Report of the Users Committee (DPS-UC) DPS-UC Election	P. Müller-Buschbaum (DPS-UC Chair, TU München)

12.15 - 13.15 Lunch break

13.15 - 13.45	Strain relief and shape oscillations in site-controlled coherent SiGe islands	Chairperson: H. Franz N. Haudra (University Linz)
13.45 - 14.00	Bericht des KFS	W. Wurth, KFS Chair (Univ. Hamburg)
14.00 - 14.10	ESUO Report	U. Pietsch, ESUO Chair (Univ. Siegen)

14.00 - 17.00 POSTER SESSION and Vendor exhibition (CFEL Bldg. 99)
Jointly organised with European XFEL

Update: 20. January 2014