

## Programme

### Wednesday, 26 January 2011

09:30 – 10:00	<b>Registration</b>		
10:00 – 10:20	<b>Opening session</b>		
10:00	Welcome	M. Altarelli	European XFEL, Hamburg
10:10	Opening address from the Council chair	R. Feidenhans'l	University Copenhagen
10:20 – 12:20	<b>Project update session</b>	Chair: R. Feidenhans'l	
10:20	General status of the project	M. Altarelli	European XFEL, Hamburg
10:50	Electron accelerator	H. Weise	DESY, Hamburg
11:20	Polarization options at European XFEL	M. Yurkov	DESY, Hamburg
11:40	Self-seeding for hard x-rays	G. Geloni	European XFEL, Hamburg
12:00	X-ray beam transport	H. Sinn	European XFEL, Hamburg
12:20 – 14:00	Lunch Break		
14:00 – 15:30	<b>Users' activities</b>	Chair: Th. Tschentscher	
14:00	Photon diagnostics workshop	J. Grünert	European XFEL, Hamburg
14:30	Soft x-ray science & instrumentation workshop	S. Molodtsov	European XFEL, Hamburg
15:00	Users' experiences at LCLS	J. Ullrich	MPI, Heidelberg
15:30 – 16:00	Coffee Break		
16:00 – 18:30	<b>Science session: Non-linear phenomena</b>	Chair: R. Santra	
16:00	Non-resonant and resonant multiphoton x-ray processes	L. Young	ANL, Argonne
16:30	Imaging ultrafast processes in clusters	Th. Möller	TU Berlin
17:00	Creation and diagnosis of solid density plasmas with x-ray lasers	J. Wark	University Oxford
17:30	Structural dynamics in strongly-driven materials	K. Sokolowski-Tinten	University Duisburg
18:00	Feasibility considerations for stimulated Raman scattering at an XFEL	B. Patterson	PSI, Villigen
19:00	<b>Dinner for speakers and participants (DESY Bistro)</b>		

### Thursday, 27 January 2011

### Soft X-ray FEL / FLASH experiments

Jointly organized with HASYLAB Users' Meeting

09:00 – 10:30	<b>Soft x-ray FELs status and experiments</b>	Chair: L. Young	
09:00	Welcome	E. Weckert	DESY, Hamburg /
		M. Altarelli	European XFEL, Hamburg
09:10	FLASH performance after the upgrade	J. Feldhaus	DESY, Hamburg
09:40	Status FLASH II project	B. Faatz	DESY, Hamburg
10:00	Femtosecond protein nanocrystallography	T. White	DESY / CFEL, Hamburg
10:30 – 11:00	Coffee Break		
11:00 – 12:20	<b>Scientific experiments</b>		
11:00	Ultrafast dynamics in solids probed with time-resolved spectroscopy	W. Wurth	Hamburg University
11:20	Nonlinear X-ray absorption	R. Santra	DESY / CFEL, Hamburg
11:40	Nonlinear effects in atomic one- and two-color photoionization	M. Meyer	European XFEL, Hamburg
12:00	XUV pump-probe experiments with atoms and molecules at FLASH	R. Moshhammer	MPI for Nuclear Physics, Heidelberg

### Thursday, 27 January 2011, afternoon

### Friday, 28 January 2011, 9:00 – 14:00

### Satellite and group meetings

### HASYLAB Users' Meeting – Plenary sessions

### Friday, 28 January 2011, 14:00 – 17:00

### Poster session

Jointly organized with HASYLAB Users' Meeting