

Programme

Wednesday, 23 January 2013

09:30–10:00	Registration		
10:00–10:20	Opening session		
10:00	Welcome	M. Altarelli	<i>European XFEL, Hamburg</i>
10:10	Opening address from the Council vice-chair	P. Sovák	<i>P.J. Šafárik University, Košice</i>
10:20–12:00	Project update session	Chair: P. Sovák	
10:20	General status of the project	M. Altarelli	<i>European XFEL, Hamburg</i>
10:50	Electron accelerator status	H. Weise	<i>DESY, Hamburg</i>
11:20	Undulator construction	J. Pflüger	<i>European XFEL, Hamburg</i>
11:40	Implementing seeding at European XFEL	G. Geloni	<i>European XFEL, Hamburg</i>
12:00–13:30	Lunch break		
13:30–15:35	European XFEL instrument progress	Chair: P. Drell	
13:30	The SCS instrument	A. Scherz	<i>European XFEL, Hamburg</i>
13:55	The MID instrument	A. Madsen	<i>European XFEL, Hamburg</i>
14:20	The HED instrument	Th. Tschentscher	<i>European XFEL, Hamburg</i>
14:45	Optical lasers	M. Lederer	<i>European XFEL, Hamburg</i>
15:10	The AGIPD detector	H. Graafsma	<i>DESY, Hamburg</i>
15:35–16:00	Coffee break		
16:00–18:00	Science session: State-of-the-art instrumentation for FEL scientific applications	Chair: R. Abela	
16:00	Liquid jet injection	D. DePonte	<i>CFEL/DESY, Hamburg</i>
16:30	Mirror optics of beam delivery & spectrometers	K. Yamauchi	<i>Osaka University</i>
17:00	The CS-PAD 2D area detector	S. Gruner	<i>Cornell University</i>
17:30	Cross-correlation time properties diagnostics	R. Coffee	<i>SLAC, Menlo Park</i>
19:00	Dinner for speakers and participants (DESY Bistro)		

Thursday, 24 January 2013

Soft X-ray FEL / FLASH experiments

Jointly organized with DESY Photon Science Users' Meeting

09:00–10:30	Status of FLASH and FEL experiments	Chair: J. Feldhaus	
09:00	Welcome	E. Weckert	<i>DESY, Hamburg</i>
		M. Altarelli	<i>European XFEL, Hamburg</i>
09:10	Status of FLASH and FLASH II	S. Schreiber	<i>DESY, Hamburg</i>
09:40	Coherent THz radiation at FLASH	N. Stojanovic	<i>DESY, Hamburg</i>
10:00	X-ray and optical wave mixing	T. Glover	<i>LBNL, Berkeley</i>
10:30–11:00	Coffee break		
11:00–13:00	Using intense FEL radiation for experiments	Chair: S. Molodtsov	
11:00	Ultrafast X-ray pulse characterization for FELs	A. Cavalieri	<i>CFEL/DESY, Hamburg</i>
11:30	Ultra-efficient ionization of heavy atoms by intense X-ray free-electron laser pulses	D. Rolles	<i>CFEL/MPG, Hamburg</i>
12:00	Highly charged ions: Diagnostic of hot astrophysical plasmas in traps	J. Crespo	<i>MPI Kernphysik, Heidelberg</i>
12:30	Strong-field ionization of molecular iodine traced with XUV pulses from a free-electron laser	M. Krikunova	<i>Technical University Berlin</i>

Thursday, 24 January 2013, afternoon

Satellite and group meetings

Friday, 25 January 2013, 9:00–14:00

DESY Photon Science Users' Meeting – Plenaries

Friday, 25 January 2013, 14:00–17:00

Poster session & Vendor exhibition (CFEL Bldg. 99)

Jointly organized with DESY Photon Science Users' Meeting