

## Final Programme

### Wednesday, 27 January 2010

<b>09:30 – 10:00</b>	<b>Registration</b>		
<b>10:00 – 11:00</b>	<b>Opening session</b>	(Chair: I. Lindau)	
<b>10:00</b>	Welcome	M. Altarelli	European XFEL, Hamburg
<b>10:10</b>	Opening address from the Council chair	H. Dosch	DESY, Hamburg
<b>10:20</b>	The road to the European XFEL	J. Schneider	DESY, Hamburg
<b>10:45 – 11:15</b>	Coffee Break		
<b>11:15 – 12:45</b>	<b>Project update session</b>	(Chair: R. Donavan (tbc))	
<b>11:15</b>	Status of technical developments	M. Altarelli	European XFEL, Hamburg
<b>11:45</b>	Electron accelerator achievements and strategy	R. Brinkmann	DESY, Hamburg
<b>12:15</b>	X-ray systems layout and strategy	Th. Tschentscher	European XFEL, Hamburg
<b>13:00 – 14:00</b>	Lunch Break		
<b>14:00 – 15:30</b>	<b>Workshop report session</b>	(Chair: R. Abela (tbc))	
<b>14:00</b>	High Energy Density	J. Wark	STFC, Oxford
<b>14:20</b>	Soft X-ray Coherent Scattering and Spectroscopy	S. Molodtsov	European XFEL, Hamburg
<b>14:40</b>	Material Imaging & Dynamics	A. Madsen	ESRF, Grenoble
<b>15:00</b>	Femtosecond Experiments	C. Bressler	European XFEL, Hamburg
<b>15:20 – 15:50</b>	Coffee Break		
<b>15:50 – 18:20</b>	<b>Science session: Coherence applications</b>	(Chair: H. Chapman)	
<b>15:50</b>	Coherence properties of x-ray FEL	M. Yurkov	DESY, Hamburg
<b>16:20</b>	Propagation of coherent x-rays	L. Samoylova	European XFEL, Hamburg
<b>16:50</b>	Probing transverse coherence by Brownian particles	M. Giglio	University Milano
<b>17:20</b>	Hidden symmetry in disordered matter	P. Wochner	MPI/MF, Stuttgart
<b>17:50</b>	Diffraction imaging using partially coherent x-rays	K. Nugent	CXS, University Melbourne
<b>18:30</b>	<b>Dinner for speakers and participants (DESY Bistro)</b>		

### Thursday, 28 January 2010

### Soft X-ray FEL / FLASH experiments

Jointly organized with HASYLAB Users' Meeting

<b>09:00 – 12:20</b>	<b>Soft x-ray FELs status and experiments</b>	(Chair: Th. Möller)	
<b>09:00</b>	Welcome	E. Weckert	DESY, Hamburg
		M. Altarelli	European XFEL, Hamburg
<b>09:10</b>	FLASH status and upgrade	K. Honkavaara	DESY, Hamburg
<b>09:40</b>	Novel timing tools for ultrafast atomic and molecular dynamics at FLASH		
<b>10:00</b>	First science results from LCLS	M. Drescher	University Hamburg
<b>10:30</b>	Coffee Break	J. Bozek	SLAC Stanford
<b>11:00</b>	Direct autocorrelation of XUV-FEL pulses	H. Zacharias	University Münster
<b>11:20</b>	Turning solid aluminum transparent by intense soft x-ray photoionization	B. Nagler	STFC, Oxford
<b>11:40</b>	Core-hole screening as a probe for a metal-to-non-metal transition in lead clusters	V. Senz	University Rostock
<b>12:00</b>	Field-free molecular alignment	P. Johnsson	Lund University

### Thursday, 28 January 2010, afternoon

### Friday, 29 January 2010, 9:00 – 14:00

### FLASH-II Kick-off and other satellite meetings

### HASYLAB Users' Meeting – Plenary sessions

### Friday, 29 January 2010, 14:00 – 17:00

### Poster session

Jointly organized with HASYLAB Users' Meeting