

Workshop Programme **Monday, 28 June**

<i>Time</i>		<i>Chair</i>	<i>Responsible</i>
8:00	Registration		
9:30	Welcome	<i>K. Tiedtke</i>	<b>Welcome to DESY</b> <i>E. Weckert (DESY)</i>
9:40	Photon Beam Transport I	<i>K. Tiedtke</i>	<b>Time-preserving grating monochromators for ultrashort extreme-ultraviolet pulses</b> <i>L. Poletto (CNR)</i>
10:15			<b>Technical advances in nanoscale dynamic studies: the TIMER project</b> <i>R. Cucini (ELETTRA)</i>
11:00	Coffee Break		
11:30	Photon Beam Transport II	<i>F. Siewert</i>	<b>Seeding experiments with an HHG seed</b> <i>M. Labat (SOLEIL)</i>
12:05			<b>Matching a variable-included-angle grating monochromator to the properties of a FEL source to achieve a controlled temporal stretch</b> <i>M. Roper (STFC)</i>
12:40	Lunch Break		
14:10	Facility Reports	<i>D. Cocco</i>	<b>Photon Beamlines and Diagnostics at the Japanese X-ray Free Electron Laser</b> <i>M. Yabashi (RIKEN)</i>
14:45			<b>Photon Beamlines and Diagnostics at LCLS</b> <i>S. Möller (SLAC)</i>
15:20			<b>FLASH II: Perspectives and Challenges</b> <i>B. Faatz (DESY)</i>
15:55			<b>EuroFEL: European Perspective</b> <i>J. Feldhaus (DESY, IRUVX-PP Project coordinator)</i>
16:20	Coffee Break		
16:50	Photon Diagnostics I	<i>V. Schlott</i>	<b>Multilayer-based soft-X-ray Polarimetry</b> <i>F. Schäfers (HZB-BESSYII)</i>
17:25			<b>A universal online diagnostic unit monitoring the relevant photon properties in the soft X-ray region</b> <i>J. Viefhaus (DESY)</i>
18:00	End		
20:00	FIFA World Cup 2010, quarter-finals: Public Viewing at DESY Bistro		

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9:00	Optics I	<i>U. Johansson</i>	<b>Nanometer Focusing of Coherent Hard X-rays with Ultraprecise Mirrors</b> <i>S. Matsuyama (Osaka University)</i>
9:35			<b>Manufacturing of calibration spheres</b> <i>H. Thiess (SMT Zeiss)</i>
10:00			<b>Development of Optical Cavities for Hard X-ray FEL Oscillators</b> <i>Yu. Shvyd'ko (ANL)</i>
10:30	Coffee Break		
11:00	Metrology	<i>R. Sobierajski</i>	<b>Bendable Focusing X-ray Optics for the ALS and the LCLS/FEL: Design, Metrology and Performance</b> <i>V. Yashchuk (LBNL)</i>
11:35			<b>0.05 <math>\mu</math>rad Accuracy Metrology for ultra-precise reflective X-ray Optics</b> <i>F. Siewert (HZB)</i>
12:00			<b>R&amp;D in X-ray Wavefront analysis and x-ray active optics</b> <i>M. Idir (SOLEIL)</i>
12:40	Lunch at FLASH terrace		
14:10	Photon Diagnostics II	<i>M. Roper</i>	<b>Grating interferometry for optics metrology and wave front sensing</b> <i>C. David (PSI)</i>
			<b>Hartmann wavefront measurements for characterization of FELs</b> <i>B. Flöter (Laser-Laboratorium Göttingen)</i>
15:30	Poster Session, Foyer DESY main auditorium (building 5), coffee will be served		
18:00			
18:15	Bus shuttle to restaurant		
19:00	Conference Dinner at "Sagebiels Fährhaus"		
22:00	Bus shuttle to DESY		

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**Wednesday, 30 June**

<i>Time</i>		<i>Chair</i>	<i>Responsible</i>
9:00	Optics II	<i>U. Flechsig</i>	<b>Perspectives of multilayer optics for FELs</b> <i>S. Bajt (DESY/CFEL)</i>
9:35			<b>Thermal damage in Mo/Si based multilayers for short-wavelength FELs</b> <i>R. van de Kruijs (FOM Rijnhuizen)</i>
10:00			<b>XUV amplitude division beam splitter for short wavelength FELs</b> <i>R. Sobierajski (FOM Rijnhuizen/Institute of Physics PAS)</i>
10:30	Coffee Break		
11:00	SXR Beamlines	<i>M. Zangrando</i>	<b>The soft x-ray beamline at the European XFEL</b> <i>J. Gaudin (XFEL)</i>
11:25			<b>Monochromator beamline at FLASH</b> <i>N. Gerasimova (DESY)</i>
12:00	Lunch Break		
13:30	Photon Diagnostics III	<i>J. Gaudin</i>	<b>A sub-picosecond hard X-ray streak camera using single-photon counting</b> <i>J. Larsson (University Lund)</i>
14:05			<b>The High-Resolution Online Grating Spectrometer @FLASH</b> <i>G. Brenner (DESY)</i>
14:30			<b>The New Online Photoionization Spectrometer at FLASH</b> <i>P. Juranic (DESY)</i>
15:00	Coffee Break		
15:30	Open Discussion		
16:30	Closure / End		
Guided tours: FLASH, XFEL/DESY construction site, other DESY facilities			