

Peak Brightness Collaboration Meeting

Tuesday, 26 January, 2010

DESY, Hamburg
Building 25b, Room 109

Programme

Time	Speaker+Title
– 13:30	Arrival + Lunch
13:30 – 13:45	Welcome coffee
13:45 – 14:00	Official welcome (J. Wark + S. Toleikis)
Session – Recent results	
14:00 – 14:25	S. Vinko, U Oxford - Micro-focusing: fluorescence measurements
14:25 – 14:50	F. Rosmej, UPMC Paris - Atomic physics of hole states in dense matter induced by XUV Free-Electron Laser
14:50 – 15:15	R. Fäustlin, DESY - Thomson scattering on hydrogen - latest results
15:15 – 15:40	J. Hajdu, U Uppsala / H. Chapman, CFEL - Diffraction imaging experiments - latest results
15:40 – 15:55	Robert Thiele, U Rostock - Thomson scattering on inhomogeneous targets
15:55 – 16:10	J. Chalupsky, IP-ASCR Prague - Focused LCLS beam in comparison with the FLASH microfocus
16:10 – 16:45	Coffee break
Session – Upcoming FLASH experiments + General discussion	
16:45 – 17:00	K. Tiedtke, DESY - FLASH in 2010/11
17:00 – 17:15	B. Nagler, SLAC - FEL pump-probe experiments to measure Core-Hole Lifetimes in Exotic States of Matter
17:15 – 17:30	S. Toleikis, DESY - Ultrafast relaxation of warm dense hydrogen
17:30 – 17:45	H. Chapman, CFEL - X-ray Imaging Beyond the Limits
17:45 – 19:00	Discussion round on PBC - main topics: + new ideas / developments + publication issues + LCLS issues + other issues + future of PBC
20:00 –	Dinner on own expense – place to be announced