

Timing and Diagnostics -- Room F226

	Monday, March 5th	Tuesday, March 6th	Wednesday, March 7th	Thursday, March 8th	Friday, March 9th	
7:30	Registration	Registration, Continental Breakfast	Continental Breakfast	Continental Breakfast	Continental Breakfast	
8:00	Chair: Gwyn Williams	Chair: Joe Bisognano	Chair: Allen Gillespie	Chair: Bob Rimmer	Chair: Fay Hannon	
8:30	Welcome and Opening Remarks	Cai (SLAC) - Future Synchrotron Light Sources Based on Ultimate Storage Rings	Evtushenko (JLab) - Diagnostics Needs for Future Light Sources	Winick (SLAC) - Genesis of the LCLS	Summary on Storage Ring Working Group	
8:35					Summary on ERL Working Group	
8:40	Brock (Cornell) - Summary of XDL2011 Workshop - Science at the Hard X-ray Diffraction Limit	Bazarov (CLASSE/Cornell) - Overview of ERL R&D towards Coherent X-Ray Source	Schroeder (LBNL) - Prospects for a Laser-Plasma Accelerator-Based FEL	Unscheduled	Summary on FEL Working Group	
8:45					Summary on Electron Sources Working Group	
8:50					Coffee Break	Summary on Undulator Working Group
8:55						Summary on Diagnostics/Timing Working Group
9:00	Durr (SLAC) - How Do We Control Electrons & Spins on the Nanoscale?	Huang (SLAC) - R&D Towards Brighter X-ray FELs	Graves (MIT) - Intense Super-Radiant X-rays from a Compact Source	Unscheduled	Summary on Compact Sources Working Group	
9:05					Closing Remarks	
9:10	Coffee Break				Chair: Michelle Shinn	
9:15	Chair: Mike Klopf	Chair: Nobuyuki Nishimori				
9:20	Weierstall (Univ. of AZ) - X-ray Lasers for Structural and Dynamic Biology	Lindberg (ANL) - Fully Coherent Hard X-ray FELs	Willcox (LBNL) - Progress in cw timing distribution for Future Light Sources	Schmidt (DESY) - Fast Bunch Profile Monitoring with Broadband THz Spectroscopy of Coherent Radiation at FLASH	Summary on Undulator Working Group	
9:25	Roper (Daresbury) - Soft X-Ray Optics and Beamlines for Next Generation Light Sources	Bazarov (CLASSE/Cornell) - Overview of Photoinjectors for Future Light Sources	Kim (KAIST) - Toward Optical and Microwave Signals with Attosecond Timing Jitter and Stability for Future Light Sources		Summary on Diagnostics/Timing Working Group	
9:30	Heimann (SLAC) - X-ray Free Electron Laser (FEL) Beamline Challenges	Coupric (SOLEIL) - Some Recent Insertion Devices on Operating Third and Fourth Generation Light Sources	Kärtner (CFEL-DESY) - Status on Pulsed Timing Distribution Systems at DESY, XFEL and FERMI	Jamison (Daresbury) - Challenges in Pushing Electro-Optic Longitudinal Diagnostics to 20 fs Resolution	Summary on Compact Sources Working Group	
9:35	Lunch					
9:40	Unscheduled	Unscheduled	Discussion - Future Timing Needs	Unscheduled	Discussion - Future Diagnostic Needs	
9:45	Coffee Break					
9:50	Coffee Break			Unscheduled	Coffee Break	
9:55	Unscheduled	Unscheduled	Jefferson Lab Tour	Joint Session with ERL/Sources L102/104 Krasilnikov (DESY) - Unwanted Beam Observations at PITZ Teichert (HZDR) - Unwanted Beam Observations at ELBE		
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