

ERL-Based Light Sources -- Room A110

	Monday, March 5th	Tuesday, March 6th	Wednesday, March 7th	Thursday, March 8th	Friday, March 9th
7:30	Registration				
8:00	Chair: Gwyn Williams	Registration, Continental Breakfast Chair: Joe Bisognano	Continental Breakfast Chair: Allen Gillespie	Continental Breakfast Chair: Bob Rimmer	Continental Breakfast 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					Brock (Cornell) - Summary of XDL2011 Workshop - Science at the Hard X-ray Diffraction Limit
8:40	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	Clarke (Daresbury)	
8:45					Coffee Break
8:50	Coffee Break				
8:55	Chair: Michelle Shinn				
9:00	Chair: Mike Klopf	Chair: Nobuyuki Nishimori	Joint Session with e Sources e Sources and Sources A110 Burrill (JLab) - Requirements and First Ideas Kamps (HZB) - Injector for BERlinPro Miyajima (KEK) - Injector for Compact ERL Nishimori (IAEA) - JAEA Photoemission DC Gun Discussion: Gun for ERL electron source, Cornell results	Modelling Clarke (STFC) - The Impact of Undulator in an ERL Angal-Kalinin (STFC) - ALICE Beam Simulations Shimada (KEK) - Lattice and optics designs of both compact ERL and 3-GeV ERL projects with their expected light-source performances Jing (BNL) - Bunch compressor design with minimized CSR effect for potential FEL operation at eRHIC	Summary on Undulator Working Group
9:05	Weierstall (Univ. of AZ) - X-ray Lasers for Structural and Dynamic Biology	Lindberg (ANL) - Fully Coherent Hard X-ray FELs			Summary on Diagnostics/Timing Working Group
9:10	Roper (Daresbury) - Soft X-Ray Optics and Beamlines for Next Generation Light Sources	Bazarov (CLASSE/Cornell) - Overview of Photoinjectors for Future Light Sources			Summary on Compact Sources Working Group
9:15	Heimann (SLAC) - X-ray Free Electron Laser (FEL) Beamline Challenges	Couprie (SOLEIL) - Some Recent Insertion Devices on Operating Third and Fourth Generation Light Sources			Closing Remarks
9:20	Lunch				
9:25	Douglas (JLab) - JLab Status/News	Shimada (KEK) - The X-ray light source by the inverse Compton scattering of CSR	Lindberg (ANL) - XFEL0 Parameters	Joint Session with Sources A110 Krasilnikov (DESY) - Demands on Spatio-Temporal Laser Pulse Shaping from FEL Class Electron Sources Quast (HZB) - Reality and Future Directions for Spatio-Temporal Laser Pulse Shaping Discussion - Do we have everything we need from laser tech for future light sources?	
9:30	Smith (STFC) - ALICE Status/News				
9:35	Discussion	Coffee Break			
9:40	Coffee Break				Coffee Break
9:45	Sakanaka (KEK) - KEK Status/News	Joint Session with Storage Rings L102/104 Steier (LBNL) - Comparison and Synergies, Synchrotron vs ERL Bazarov (Cornell) - Comparison and Synergies, Synchrotron vs ERL	Jefferson Lab Tour	Joint Session with Sources/Diagnostics L102/104 Krasilnikov (DESY) - Unwanted Beam Observations at PITZ Teichert (HZDR) - Unwanted Beam Observations at ELBE	
9:50	Jankowiak (HZB) - HZB Status/News				
9:55	Discussion				
10:00	Networking Reception				