

Compact Light Sources -- Room F224/F225

	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	He (JLab) - Design of a beta=1 Double Spoke Cavity for the BES-CLS Inverse Compton Scattering Light Source	Summary on FEL Working Group
8:45						Summary on Electron Sources Working Group
8:50	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	Loulergue (SOLEIL) - The Thom-X Project	Summary on Electron Sources Working Group	
8:55					Coffee Break	
9:00	Coffee Break				Chair: Michelle Shinn	
9:05	Chair: Mike Klopf	Chair: Nobuyuki Nishimori				
9:45	Weierstall (ASU) - X-ray Lasers for Structural and Dynamic Biology	Lindberg (ANL) - Fully Coherent Hard X-ray FELs	Mammosser (JLab) - SRF Developments for Compact Light Sources	Sub-Group work on common interests e.g. SRF, Laser/Plasma/X-Band	Summary on Undulator Working Group	
10:00						
10:05		Roper (Daresbury) - Soft X-Ray Optics and Beamlines for Next Generation Light Sources	Bazarov (CLASSE/Cornell) - Overview of Photoinjectors for Future Light Sources		Discussion: SRF R&D Needs for CLS	Summary on Compact Sources Working Group
10:10					Seddon (Daresbury) - Inverse Compton Scattering on the ALICE Accelerator at Daresbury	
10:15	Heimann (SLAC) - X-ray Free Electron Laser (FEL) Beamline Challenges	Couprie (SOLEIL) - Some Recent Insertion Devices on Operating Third and Fourth Generation Light Sources	Discussion: Copper Linac R&D Needs for CLS	Closing Remarks		
10:20			Lunch			
10:25	Introductions and Organizational Discussion	Joint Session with Undulators F224/225	Piot (NIU) - Emittance Exchange for Coherent Bunching at X-Ray Wavelengths	Sub-Group work on common interests e.g. SRF, Laser/Plasma/X-Band		
10:30	Moncton (MIT) - Will Size Define a New Generation of Light Sources?				Travish (UCLA) - An Optical-Scale Period Undulator for Hard X-Ray Production from Compact Devices?	
10:35	Thevuthasan (PNNL) - Science at PNNL with a Compact Light Source	Maier (MPQ) - Bandwidth-Stabilized Soft X-Ray Pulses from a Laser-Plasma Driven Undulator	Albert (LLNL) - Design Considerations for a Tunable, Laser-Based, Compact Mono-Energetic Gamma-Ray Source			
10:40					Discussion	Coffee Break
10:45	Coffee Break			Coffee Break		
10:50	Chouffani (IAC) - Hybrid K-Edge Densitometry Experiments with Laser-Compton Scattering X-Rays	Joint Session with Undulators F224/225	Jefferson Lab Tour			
10:55					Arnold (Florida) - Micro-Manufacturing Technologies for Sub-Millimeter Magnetic Undulators	Report Writing
11:00	Discussion: Compact Light Sources, Status and Outlook, Overview of Techniques	Couprie (SOLEIL) - The LUNEX5 Project in France				
11:05					Discussion	
11:10	Networking Reception					