

Electron Sources -- Room F326/F327

	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				Joint Session with FEL Theory F113	Summary on ERL Working Group	
8:40					Summary on FEL Working Group	
8:45					Summary on Electron Sources Working Group	
8:50					Coffee Break	
8:55					Chair: Michelle Shinn	
9:00						
9:05	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			
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9:45	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	Yampolsky (LANL) - Dynamics of Modulated Beams	Summary on Electron Sources Working Group	
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10:45	Chair: Mike Klopf	Chair: Nobuyuki Nishimori				
10:50	Weierstall (Univ. of AZ) - X-ray Lasers for Structural and Dynamic Biology	Lindberg (ANL) - Fully Coherent Hard X-ray FELs	Joint Session with ERL e Guns and Sources A110	Harkay (ANL) - Ultra-bright Designer Photocathodes	Summary on Undulator Working Group	
10:55						Summary on Diagnostics/Timing Working Group
11:00						Summary on Compact Sources Working Group
11:05						Closing Remarks
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11:30	Roper (Daresbury) - Soft X-Ray Optics and Beamlines for Next Generation Light Sources	Bazarov (CLASSE/Cornell) - Overview of Photoinjectors for Future Light Sources	Burrill (JLab) - Requirements and First Ideas Kamps (HZB) - Injector for BERLinPro Miyajima (KEK) - Injector for Compact ERL Nishimori (IAEA) - JAEA Photoemission DC Gun	Choi (Vanderbilt) - Diamond Field-Emission Cathodes as High-Brightness Electron Sources		
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12:05	Heimann (SLAC) - X-ray Free Electron Laser (FEL) Beamline Challenges	Coupric (SOLEIL) - Some Recent Insertion Devices on Operating Third and Fourth Generation Light Sources	Discussion: Gun for ERL electron source, Cornell results	Hess (PNLL) - Surface Science for Cathode Development		
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14:05	Kamps/Hernandez-Garcia - Intro to WG	Krasilnikov (DESY) - Emittance Optimization at PITZ for FLASH and XFEL	Musumeci (UCLA) - Electron Sources for UED	Joint Session with ERL A110		
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14:25	Hernandez-Garcia (JLab) - Summary of FLS 2010 and P3	Corlett (LBNL) - Status of the APEX Facility at LBNL	van der Geer (Eindhoven/Pulsar) - R&D on Cold Electron Sources		Krasilnikov (DESY) - Demands on Spatio-Temporal Laser Pulse Shaping from FEL Class Electron Sources	
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15:00	Kamps (HZB) - Requirements from ERL and FEL Type Future Light Sources	Militsyn (AsTEC) - Ultra High Brightness Photoinjector for EBTF/CLARA Facility at Daresbury	Discussion		Quast (HZB) - Reality and Future Directions for Spatio-Temporal Laser Pulse Shaping	
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