

# Storage Ring Based Light Sources -- Room L102/L104

	Monday, March 5th	Tuesday, March 6th	Wednesday, March 7th	Thursday, March 8th	Friday, March 9th			
7:30	Registration							
8:00	Chair: Gwyn Williams							
8:30	Registration, Continental Breakfast Chair: Joe Bisognano		Continental Breakfast Chair: Allen Gillespie		Continental Breakfast Chair: Bob Rimmer			
8:35	Welcome and Opening Remarks		Evtushenko (JLab) - Diagnostics Needs for Future Light Sources		Winick (SLAC) - Genesis of the LCLS			
8:40	Cai (SLAC) - Future Synchrotron Light Sources Based on Ultimate Storage Rings		<b>Joint Session with Undulators L102/104</b>  Casalbuoni (ANKA) - Superconducting Insertion Devices  Temnykh (Cornell) - CHESS Compact Undulator		Summary on Storage Ring Working Group			
8:45	Bazarov (CLASSE/Cornell) - Overview of ERL R&D towards Coherent X-Ray Source				Schroeder (LBNL) - Prospects for a Laser-Plasma Accelerator-Based FEL	Summary on ERL 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	Summary on FEL Working Group
8:55						Summary on Electron Sources Working Group		
9:00	Coffee Break							
9:05	Chair: Mike Klopff		Chair: Nobuyuki Nishimori		Chair: Michelle Shinn			
9:10	Weierstall (Univ. of AZ) - X-ray Lasers for Structural and Dynamic Biology	Lindberg (ANL) - Fully Coherent Hard X-ray FELs	<b>USRs</b>  Hettel (SLAC) - Short Overview of PEP-X and Spring8 USRs  Borland (ANL) - Tevatron Studies  Bane (SLAC) - IBS, Impedance, and Instabilities for USRs  Hettel (SLAC) - R&D for USRs		Summary on Undulator Working Group			
9:15	Roper (Daresbury) - Soft X-Ray Optics and Beamlines for Next Generation Light Sources	Bazarov (CLASSE/Cornell) - Overview of Photoinjectors for Future Light Sources			Xiao (ANL) - Simulation of APPLE ID for APS-U	Summary on Diagnostics/Timing Working Group		
9:20					Chubar (BNL) - Parametric Optimization of In-Vacuum Undulators and Segmented Adaptive-Gap Undulator	Summary on Compact Sources Working Group		
9:25	Heimann (SLAC) - X-ray Free Electron Laser (FEL) Beamline Challenges	Couprie (SOLEIL) - Some Recent Insertion Devices on Operating Third and Fourth Generation Light Sources				Couprie (SOLEIL) - Effect of IDs on SOLEIL	Closing Remarks	
9:30	Lunch							
9:35	<b>Low Emittance</b>		<b>Other Light Sources</b>		<b>Technology</b>			
9:40	Yang (BNL) - MOGA approaches	Guo (BNL) - Low Emittance with Bumps	Winick (SLAC) - SESAME		Decker (APS) - Diagnostics for USR			
9:45	Bengtsson (BNL) - Deterministic approaches	Franchi (ESRF) - Low Coupling at ESRF	Hama (Tohoku) - East Japan Light Source		Jankowiak (HZB) - Pulsed Magnets for Injection in Small DA Rings			
9:50	Huang (SLAC) - Lattice Modeling for a Storage Ring with Magnetic Field Data	Safranek (SLAC) - Nonlinear Studies at SPEAR III	Coffee Break		Wuestefeld - Simultaneous Long and Short Bunches by Strong SC Cavities in BESSY-II			
9:55	Coffee Break				Coffee Break			
10:00	<b>Low Emittance</b>		Jefferson Lab Tour		<b>Low Alpha, Short Bunches A110</b>			
10:05	Guo (BNL) - Ultra Low Emittance Design	<b>Joint Session with ERL L102/104</b>			Loulergue (SOLEIL) - Low Alpha at SOLEIL			
10:10	Franchi (ESRF) - Low Emittance with Solenoids	Steier (LBNL) - Comparison and Synergies, Synchrotron vs ERL			Schuh (ANKA) - CSR Studies and Observations at ANKA			
10:15	Sjostrom (MAX-IV) - MAX-IV	Bazarov (Cornell) - Comparison and Synergies, Synchrotron vs ERL			Wuestefeld (HZB) - Low Alpha Operation at MLS			
10:20	Networking Reception							