

Future Light Sources 2012 Workshop -- Wednesday, March 7

Compact Light Sources Room F224/F225
 ERL-Based Light Sources Room A110
 Electron Sources Room F326/327
 FEL-Based Light Sources Room F113
 Storage Ring Light Sources Room L102/L104
 Timing and Diagnostics Room F226
 Undulators and Insertions Room L207

7:30
8:00
8:30
8:35
8:40
8:45
8:50
8:55
9:00
9:05
9:10
9:15
9:20
9:25
9:30
9:35
9:40
9:45
9:50
9:55
10:00
10:05
10:10
10:15
10:20
10:25
10:30
10:35
10:40
10:45
10:50
10:55
11:00
11:05
11:10
11:15
11:20
11:25
11:30
11:35
11:40
11:45
11:50
11:55
12:00
12:05
12:10
12:15
12:20
12:25
12:30
13:55
14:00
14:05
14:10
14:15
14:20
14:25
14:30
14:35
14:40
14:45
14:50
14:55
15:00
15:05
15:10
15:15
15:20
15:25
15:30
15:35
15:40
15:45
15:50
15:55
16:00
16:05
16:10
16:15
16:20
16:25
16:30
16:35
16:40
16:45
16:50
16:55
17:00
17:25
17:30
19:30

Continental Breakfast
Chair: Allen Gillespie

Evtushenko (JLab) - Diagnostics Needs for Future Light Sources

Schroeder (LBNL) - Prospects for a Laser-Plasma Accelerator-Based FEL

Graves (MIT) - Intense Super-Radiant X-rays from a Compact Source

Coffee Break and Conference Photo

Compact	ERL	Electron Sources	FEL	Storage Rings	Diagnostics	Undulators
Mammosser (JLab) - SRF Developments for Compact Light Sources	Joint Session with e Guns and Sources A110 Burrill (JLab) - Requirements and First Ideas	Joint Session with ERL e Guns and Sources A110 Burrill (JLab) - Requirements and First Ideas	XFELO Shinn (JLab) - Optics for VUV and Soft X-Ray FEL Oscillators	USRs Hettel (SLAC) - Short Overview of PEP-X and Spring8 USRs	Willcox, Byrd, and Huang (LBNL) - Progress in cw timing distribution for Future Light Sources	Unscheduled
Discussion: SRF R&D Needs for CLS						
Seddon (Daresbury) - Inverse Compton Scattering on the ALICE Accelerator at Daresbury	Miyajima (KEK) - Injector for Compact ERL	Miyajima (KEK) - Injector for Compact ERL	Park (U Chicago) - The Effects of Mirror Surface Errors in XFEL Cavity	Bane (SLAC) - IBS, Impedance, and Instabilities for USRs	Kärtner (CFEL-DESY) - Status on Pulsed Timing Distribution Systems at DESY, XFEL and FERMI	
Discussion: Copper Linac R&D Needs for CLS	Discussion: Gun for ERL electron source, Cornell results	Discussion: Gun for ERL electron source, Cornell results		Hettel (SLAC) - R&D for USRs		

Lunch

Plot (NIU) - Emittance Exchange for Coherent Bunching at X-Ray Wavelengths	Joint Session with FEL XFEL F113 Lindberg (ANL) - XFEL Parameters	Musumeci (UCLA) - Electron Sources for UED	Joint Session with ERL XFEL F113 Lindberg (ANL) - XFEL Parameters	Other Light Sources Winick (SLAC) - SESAME	Discussion - Future Timing Needs	Nuhn (SLAC) - Radiation Monitoring at LCLS Undulator System
		van der Geer (Eindhoven/Pulsar) - R&D on Cold Electron Sources				Sakanaka (KEK) - Status of the ERL-Based Light Source Project in Japan
Albert (LLNL) - Design Considerations for a Tunable, Laser-Based, Compact Mono-Energetic Gamma-Ray Source	Sakanaka (KEK) - Status of the ERL-Based Light Source Project in Japan	Discussion	Sakanaka (KEK) - Status of the ERL-Based Light Source Project in Japan			Discussion

Coffee Break

Jefferson Lab Tour

Networking Reception