

Coherence in particle and photon beams: Past, Present, and Future

Friday, March 15, 2019

Advanced Photon Source - Lower Gallery

TIME	SPEAKERS	ORGANIZATION	TALK TITLE
8:30AM	Paul Kearns - Stephen Streiffer - John Byrd		OPENING & WELCOME
9:00AM	David Attwood	University of California, Berkeley	Brightness/coherence research at Center for X-Ray Optics
9:25AM	Johannes Bahrtd	Helmholtz-Zentrum Berlin	Partially coherent photon beams from SR-undulators
9:50AM	Bob Hettel	Argonne National Laboratory	The Evolution of 4th Generation Storage Ring Light Sources
10:15 - 10:30AM	15 MINUTE BREAK		
10:30AM	Claudio Pellegrini	SLAC	Development of high-gain X-ray FELs
10:55AM	Zhirong Huang	SLAC	FEL theory: From LEUTL to LCLS
11:20AM	George Neil	Jefferson Lab	High power FEL development at Jlab
11:45AM	Swapan Chattopadhyay	Fermilab, NIU	On Quantum Entanglement and Classical Coherence in Particle and Photon Beams
12:10 - 1:00PM	50 MINUTE LUNCH BREAK (Photo slideshow)		
1:00PM	Vinit Kumar	Raja Ramanna Centre	Smith-Purcell FEL: A compact terahertz source
1:25PM	Ryan Lindberg	Argonne National Laboratory	Beam Dynamics for XFEL
1:50PM	Yuri Shvydko	Argonne National Laboratory	Tunable X-ray cavity for an XFEL
2:15PM	Tetsuya Ishikawa	SPring-8	Early days of SACLA XFEL
2:40PM	Seunghwan Shin	POSTECH.AC	Light source development in Korea: Past, present & future
3:05 - 3:25PM	20 MINUTE BREAK		
3:25PM	James Rosenzweig	UCLA	Beam dynamics in RF photocathode guns
3:50PM	Yine Sun	Argonne National Laboratory	Emittance exchange and flat beam generation
4:15PM	Tor Raubenheimer	Stanford University	The gamma-gamma collider and the ILC
4:40PM	Young-Kee Kim	University of Chicago	Kwang-Je and UC
5:00PM	Kwang-Je Kim - John Byrd		CLOSING
6:00PM	Cocktail reception - Building 401 5th Floor Gallery		
6:30PM	Buffet Dinner to be served immediately following cocktail reception		