

Accelerator and Detector Research Program Comparative Review

XFEL Session - Oak 1

Monday, April 29, 2019

Presenter	Institution	Title	Time
Eliane Lessner	DOE	Introductory Remarks	9:05-9:20
Claudio Pellegrini	SLAC	Increasing X-ray FELs Efficiency on the Fundamental and Third Harmonic.	9:20 -10:00
Juhao Wu	SLAC	Generation of tunable fully coherent terawatt-level hard x-ray Free Electron Laser pulses with femtosecond duration	10:00-10:40
		BREAK	10:40-11:00
Yuantao Ding	SLAC	Electron beam phase space shaping for high-repetition rate x-ray free-electron lasers	11:00-11:40
Eric Hemsing	SLAC	External Soft X-ray Seeding and Pulse Tailoring Techniques for Next Generation Free-Electron Lasers	11:40-12:20
		LUNCH	12:20-1:30
Agostino Marinelli	SLAC	Sub-fs Beam Length Manipulations & Attosecond Science at the Linac Coherent Light Source-II	1:30-2:20
Ryan Lindberg	ANL	The promise and potential of coherent hard x-rays based on a free-electron laser oscillator	2:20-3:00
		BREAK	3:00-3:20
Ryan Coffee	SLAC	Enabling long wavelength streaking for attosecond science	3:20-4:00