

## Accelerator and Detector Research Program Comparative Review

### X-ray Optics Session - Oak 2

Tuesday, April 30, 2019

Presenter	Institution	Title	Time
Peter Lee	DOE	<b>Introductory Remarks</b>	<b>8:55-9:10</b>
Daniele Cocco	SLAC	Development of a novel, room-temperature cooled mirror system coupled with the implementation of an in situ (at wavelength) diagnostic, and non-invasive sensors designs.	<b>9:10 -10:00</b>
Oleg Chubar	BNL	New Capabilities for Simulation of Coherent X-ray Scattering Experiments at Light Sources	<b>10:00-10:40</b>
		<b>BREAK</b>	<b>10:40-11:00</b>
Ken Evans-Lutterodt	BNL	Saw-Tooth Kinoform Lenses Development for High-Energy X-Ray Focusing	<b>11:00-11:30</b>
Sarjvit Shastri	ANL	Saw-Tooth and Kinoform Lenses Development for High-Energy X-Ray Focusing	<b>11:30-12:00</b>
		<b>LUNCH</b>	<b>12:00-1:10</b>
Jin Wang	ANL	Developing X-ray Photonic Microsystems for Synchrotron Applications	<b>1:10-1:50</b>
Yury Shvyd'ko	ANL	Investigate wavefront preservation methods for the Bragg reflection from diamond in X-Ray FEL Oscillators	<b>1:50-2:30</b>
David Atwood	SLAC	Hybrid Nanoscale X-ray Imaging: Direct and Computational Imaging with Advanced X-ray Diffractive Optics	<b>2:30-3:10</b>
		<b>BREAK</b>	<b>3:10-3:30</b>
Alexander Hexemer	LBNL	High Performance Toolkit for Photon Science	<b>3:30-4:10</b>

David Atwood for Anna Sadkinawat