

LCLS-II Scientific Opportunities Workshops - Agenda

Chemistry Thursday, February 12, 2015

Plenary in Kavli Auditorium

7:30 AM	<i>breakfast</i>	
8:00 AM	Welcome	<i>M. Dunne - LCLS</i>
8:15 AM	LCLS-II Status	<i>D. Schultz – SLAC</i>
8:20 AM	Workshop overview & charge, science examples, instrumentation R&D overview	<i>W. Schlotter – SLAC</i>
8:50 AM	<i>discussion</i>	
9:05 AM	LCLS-II capabilities & overview	<i>P. Emma – SLAC</i>
9:35 AM	<i>discussion</i>	
9:50 AM	<i>break</i>	
10:10 AM	Measuring charge migration and transfer	<i>Jon Marangos Imperial College London</i>
10:35 AM	<i>discussion</i>	
10:50 AM	Science with many particle coincidences and high rep rate	<i>Reinhard Dörner Goethe U. Frankfurt</i>
11:15 AM	<i>discussion</i>	
11:30 AM	Surface reaction dynamics - capturing transition states	<i>Wilfried Wurth U. Hamburg, CFEL, DESY</i>
11:55 AM	<i>discussion</i>	
12:10 PM	<i>lunch</i>	
1:10 PM	Dynamics in Catalysis	<i>Robert Schlögl Fritz-Haber-Institut - MPG</i>
1:35 PM	<i>discussion</i>	
1:50 PM	Processes of light capture and photocatalysis	<i>Villy Sundstrom Lund University</i>
2:15 PM	<i>discussion</i>	
2:30 PM	Charge separation and transport in solar energy conversion	<i>Franz Himpsel U. Wisconsin</i>
2:55 PM	<i>discussion</i>	
3:10 PM	Introduction of breakout topics (~3 min. each)	
3:25 PM	<i>break</i>	
3:45 PM	Breakout Discussions in Research Office Bldg. (ROB) & B48 (short talks, planning for day 2 etc.) Four parallel sessions: (1) Fundamental AMO – dynamics in molecules ROB-A <i>Markus Guehr, Thorsten Weber</i> (2) Photo-driven catalysis, charge-transfer, coord. chemistry B41-Napa <i>Kelly Gaffney, Jinghua Guo</i> (3) Nonlinear/multidimensional X-ray spec. & strong-field AMO ROB-B <i>Phil Bucksbaum, Shaul Mukamel</i> (4) Heterogeneous catalysis, surfaces/interfaces, & environmental sci. B41-Marin <i>Dennis Nordlund, Hiro Ogasawara, Zhi Liu</i>	
5:45 PM	<i>session end</i>	
6:15 PM	<i>workshop dinner - SLAC host (ROB)</i>	

LCLS-II Scientific Opportunities Workshops - Agenda

Chemistry

Friday, February 13, 2015

8:00 AM	<i>breakfast</i>	
8:30 AM	continued breakout discussions in Research Office Bldg. (ROB) Four parallel sessions: (1) Fundamental AMO – dynamics in molecules ROB-A <i>Markus Guehr, Thorsten Weber</i> (2) Photo-driven catalysis, charge-transfer, coord. chemistry B41-Napa <i>Kelly Gaffney, Jinghua Guo</i> (3) Nonlinear/multidimensional X-ray spec. & strong-field AMO ROB-B <i>Phil Bucksbaum, Shaul Mukamel</i> (4) Heterogeneous catalysis, surfaces/interfaces, & environmental sci. B41-Marin <i>Dennis Nordlund, Hiro Ogasawara, Zhi Liu</i>	
10:10 AM	<i>break</i>	
10:30 AM	continued breakout discussions in Research Office Bldg. (ROB) Four parallel sessions: (1) Fundamental AMO – dynamics in molecules (2) Photo-driven catalysis, charge-transfer, coord. chemistry (3) Nonlinear/multidimensional X-ray spec. & strong-field AMO (4) Heterogeneous catalysis, surfaces/interfaces, & environmental sci.	
12:10 PM	<i>lunch</i>	
1:10 PM	continued breakout discussions (four parallel sessions) preparation of closeout slides and written materials	
3:10 PM	<i>break</i>	
3:30 PM	Plenary Closeout Session in Kavli Auditorium	
3:30 PM	<i>Closeout - Breakout #1</i>	
3:50 PM	<i>discussion</i>	
4:00 PM	<i>Closeout - Breakout #2</i>	
4:20 PM	<i>discussion</i>	
4:30 PM	<i>Closeout - Breakout #3</i>	
4:50 PM	<i>discussion</i>	
5:00 PM	<i>Closeout - Breakout #4</i>	
5:20 PM	<i>discussion</i>	
5:30 PM	<i>workshop end</i>	