LCLS-II-HE "First Experiments" Meeting

Agenda

Thurs. July 20 - Plenary (combined Chemistry & Materials Physics)
SLAC Science & User Support Building (B53-1350) Trinity A/B

8:00 AM  
*breakfast*

8:30 AM  
Welcome

8:40 AM  
LCLS-II-HE Science Opportunities Overview
Robert Schoenlein
SLAC

9:05 AM  
*discussion*

9:20 AM  
LCLS-II-HE Facility Overview
Tor Raubenheimer
SLAC

9:40 AM  
*discussion*

9:50 AM  
LCLS-II-HE Instrumentation
David Fritz
SLAC

10:10 AM  
*discussion*

10:20 AM  
Workshop charge and objectives
Robert Schoenlein

10:30 AM  
*break*

**Parallel Meetings:**

10:50 AM  
**Chemistry:**  
Rm. 53-1350A (Trinity-A)
breakout sub-topic introductions, organization, open discussion

**Parallel Meetings:**

10:50 AM  
**Materials Physics:**  
Rm. 53-1350B (Trinity-B)
breakout sub-topic introductions, organization, open discussion

12:20 PM  
*lunch*

**Parallel Sub-topic Meetings:**

**Chemistry:**

*Chemical dynamics, coordination- and photo-chemistry*  
Rm. 53-1350A (Trinity-A)

*Photo-catalysis, natural and artificial photosynthesis*  
Rm. 53-3004 (Havasu)

*Catalysis and environmental chemistry*  
53-3002 (Almanor)

**Materials Physics:**

*Photo-induced phase transitions, nonequilibrium dyn., low-dim. materials*  
Rm. 53-1350B (Trinity-B)

*Stochastic phenomena, fluctuations, heterogeneity*  
Rm. 53-4002 (Toluca)

*High energy density science*  
Rm. 53-4006 (Tulare)

1:20 PM  
contributed talks and discussion (and sub-topic breakouts)

2:10 PM  
*discussion*

2:25 PM  
contributed talks and discussion (and sub-topic breakouts)

3:15 PM  
*break*

3:30 PM  
contributed talks and discussion (and sub-topic breakouts)

5:30 PM  
*break*

6:00 PM  
*dinner @ SLAC*

7:00 PM  
preparation of draft "first experiments" for presentation & discussion on Friday

9:00 PM  
*adjourn for the day*
LCLS-II-HE "First Experiments" Meeting

Fri. July 21 - SLAC Science & User Support Building (B53)

Chemistry: Rm. 53-1350A (Trinity-A)
Materials Physics: Rm. 53-1350B (Trinity-B)

8:30 AM  
breakfast
Preliminary report-out presentations on "first experiments"

9:00 AM  
- Chemistry: Rm. 53-1350A (Trinity-A)
- Materials Physics: Rm. 53-1350B (Trinity-B)

9:30 AM  
discussion
Preliminary report-out presentations on "first experiments"

9:45 AM  
- Chemistry: Rm. 53-1350A (Trinity-A)
- Materials Physics: Rm. 53-1350B (Trinity-B)

10:15 AM  
discussion

10:30 AM  
break

Writing LCLS-II-HE "first experiments"

Chemistry:
- Chemical dynamics, coordination- and photo-chemistry Rm. 53-1350A (Trinity-A)
- Photo-catalysis, natural and artificial photosynthesis Rm. 53-3004 (Havasu)

10:45 AM  
Catalysis and environmental chemistry 53-3002 (Almanor)

Materials Physics:
- Photo-induced phase transitions, nonequilibrium dyn., low-dim. materials Rm. 53-1350B (Trinity-B)
- Stochastic phenomena, fluctuations, heterogeneity Rm. 53-4002 (Toluca)
- High energy density science Rm. 53-4006 (Tulare)

1:00 PM  
working lunch

2:00 PM  
adjourn