Workshop Agenda

Homepage

Wednesday, January 16 - Bldg. 488 Berkner Hall, Rooms A & B

Session 1: Overview	
8:30 am - 8:45 am	Bruce Ravel - Welcome, purpose of the workshop
8:45 am - 9:00 am	Paul Northrup - Beamline technical overview
9:00 am - 9:15 am	NSLS-II user access
9:30 am - 10:10 am	Vincent Harris (Northeastern University) - Condensed matter science: The role of EXAFS in some condensed matter systems: Challenges and opportunities for NSLS II
10:15 am - 10:55 am	Ingrid Pickering (University of Saskatchewan) - Life science
11:00 am - 11:45 am	Donald Sparks (University of Delaware) - Environmental science: The Role of XAFS in Addressing Grand Challenges and Opportunities in Environmental Science
12:00 pm - 12:30 pm	Lunch
12:45 pm - 1:25 pm	Sven Schroeder (University of Manchester) - Catalysis, chemical, and energy science: The future of XAS studies on heterogeneous and homogeneous catalysts: time-resolved, high-throughput, in situ, and operando spectroscopy of dynamic and complex systems
1:35 pm - 2:10 pm	Wendy Mao (Stanford University) - Geological and high pressure science: XAS Opportunities for Geological and High Pressure Science
2:15 pm	Workshop Photo
2:30 pm - 4:00 pm	Discussion of the technical needs, capabilities, and possibilities for the damping wiggler beamline
4:00 pm - end	Determine BAT membership, discuss modes and frequency of communication between BAT and community

Science talks

These talks will outline the needs of the various scientific communities using XAS and comment on how the exceptional flux and broad energy range of the damping wiggler source will positively impact their fields.

Technical needs

The session on technical needs, capabilities, and possibilities will be an open discussion of the various issues surrounding the damping wiggler beamline and will be the time to express your ideas about special equipment needs for specific communities modes of measurement (micro, bulk, slew scanning, fast scanning) observations from other 3rd generation sources in providing XAS to a diverse user community detectors, what's available, what's desired and anything else that is on your mind

Questions for the day

1. What novel experiments could you perform with this high flux source?
2. What instrumentation and infrastructure would you like to see at this beamline?
3. What other XAS capabilities and beamlines would you like to see at NSLS-II?

Thursday, January 17 - Bldg 817 NSLS-II Project Office, Room 36

BAT Meeting	
9:00 am - 1:00 pm	The newly seated members of the BAT meet to outline and begin drafting the LOI and to agree on a work-flow plan to finish the document by the due date. Time permitting, begin work on LOI for MIE money.