

NSLS-II Informational Meeting for Beamline Development

8:30 a.m. - 12:15 p.m., Wednesday, April 14, 2010

Physics Large Seminar Room, Bldg. 510

Brookhaven National Laboratory

Note: The meeting will be webcast at <http://www.bnl.gov/video> . E-mail questions to nasta@bnl.gov . The session will also be recorded and archived. For related materials on the 2010 call for NSLS-II beamline proposals, go to <http://www.bnl.gov/nsls2/2010BeamlineProposals.asp> .

- 8:30 a.m.** **Steve Dierker**
NSLS-II Beamline Development Process
- NSLS-II project overview
 - Funding opportunities for additional beamlines
 - Beamline development policy and proposal review process
 - User access policy
- 9:30** **Ferdinand Willeke**
NSLS-II Accelerator Basics and Performance
- Expected design performance and ramp-up schedule
 - Baseline lattice and possible enhancements
 - Baseline bunch structure and possible variations
 - Straight-section space and components options
- 10:15** **Break**
- 10:30** **Qun Shen**
NSLS-II Photon Sources and Beamline Systems
- Brightness and flux of baseline and planned photon sources
 - Beamline optics and expected performance characteristics
 - Guideline to design and construction schedule
 - Technical help by light sources staff
- 11:30** **Andy Broadbent**
NSLS-II Experimental Floor Space and Standard Utilities
- Experimental floor space and standard beamline territory
 - Standard radiation enclosures and safety requirements
 - Standard utilities pack for beamlines
 - Office and laboratory space in laboratory office buildings
- 12:15 p.m.** **Adjourn**