

# Solution Studies of Macromolecules: Global and Local Structure Factors

May 20, 2009, Brookhaven National Laboratory, Upton, NY 11973

This workshop is hosted by the Center for Synchrotron Biosciences, Case Western Reserve University, as a part of the NSLS-CFN Joint User Meeting May 18-20, 2009 at Brookhaven National Laboratory, Upton, NY. This workshop will be devoted to:

- Training on SAXS/WAXS and X-ray Footprinting (XF).
- Discussing the approaches to examine the structure of large complexes, membrane protein and biomolecular interaction in living cells.
- Analyzing the synergy between SAXS and XF.
- The exchange of ideas and discussion of future directions for SAXS, XF, and crystallographic studies.
- The development of a world leading Life Science beamline for macromolecular structure and function at the NSLS II.

## Proposed Agenda:

This full-day workshop will consist of talks and discussions.

X-ray Footprinting presenters include: Mark R. Chance, CWRU; Sarah Woodson, JHU; Rick Russell, UT-Austin; Sayan Gupta, CSB-NSLS

SAXS presenters include: Thomas Irving, APS; B. Tracy B. Nixon, Penn State; Joanna Kruger, UNC; Lin Yang, NSLS

The workshop will also include a poster session and a tour of the XF and SAXS experimental facilities at the NSLS. This workshop is open to all. Registration is required; more information will be posted on the NSLS webpage at a later date.

**For workshop registration information please visit:**

<http://www.nsls.bnl.gov>

<http://casemed.case.edu/proteomics>

**Workshop contacts:**

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Workshop

