

May 23 – May 27, 2011 • Oak Ridge, TN
Second Graduate Course on Neutron Scattering
Applications in Structural Biology



NC STATE



The one week intensive course on “Neutrons in Biology” targets graduate students in structural biology who are interested in broadening their expertise to the use of neutron scattering techniques.

Course objectives:

- Educate graduate students in neutron scattering techniques, instrumentation and data collection, analysis and interpretation.
- Expose participants to cutting-edge research in neutron structural biology.
- Build interactions between graduate students and their university groups and ORNL neutron scattering experts to develop new research projects.

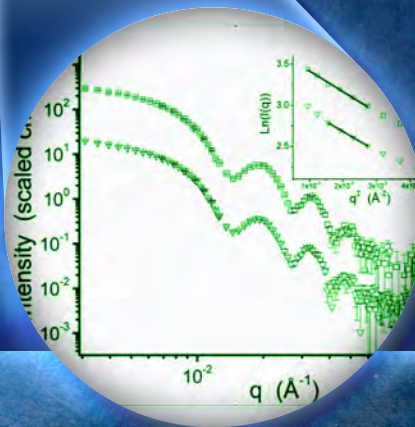
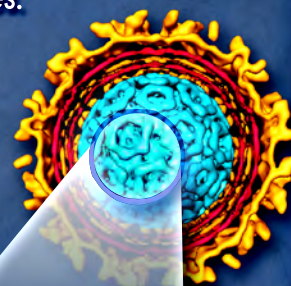
A one-day symposium on Neutrons in Structural Biology and tours of the Spallation Neutron Source and High Flux Isotope Reactor open the week.

Symposium confirmed speakers:

Zimei Bu, City College of New York
Walter Chazin, Vanderbilt University
John Katsaras, Oak Ridge National Laboratory
Robert McKenna, University of Florida

The course includes lectures and tutorials by researchers from the Neutron Scattering Sciences Division in:

Crystallography (Leighton Coates)
Small angle scattering (William Heller)
Reflectometry (John Ankner)
Spectroscopy (Ken Herwig)
Imaging (Hassina Bilheux)
Labeling techniques (Kevin Weiss)
Proposal writing (Flora Meilleur)



Fellowships: Travel and accommodation costs are reimbursed for participants from U.S. institutions. There are no registration fees for any participant. Registration will close March 11, 2011.

For more information:

Contact: Flora Meilleur • meilleurf@ornl.gov or flora_meilleur@ncsu.edu

Visit the website: <http://neutrons.ornl.gov/conf/gcnb2011/index.shtml>

