Call for Proposals

Neutron Scattering Science – Oak Ridge National Laboratory

Due February 22, 2012

Proposals for beam time at Oak Ridge National Laboratory's High Flux Isotope Reactor (HFIR) and Spallation Neutron Source (SNS) will be accepted via the web-based proposal system until 11:59 p.m. eastern time, Wednesday, February 22, 2012. This call is for experiments anticipated to run from June through December 2012.

Information and instructions

To learn more about submitting a proposal for beam time, go to http://neutrons.ornl.gov/users/proposals.shtml or directly to the proposal system at www.ornl.gov/sci/iums/ipts/. Previously submitted proposals may be used as the basis for new proposals. All proposals will be reviewed for feasibility, safety, and the potential for high-impact science. Before beginning approved experiments, users must complete access and training requirements and ensure that the appropriate user agreements are in place.

Available instruments for general users

The ORNL Neutron Sciences web site, neutrons.ornl.gov, provides specific information about each of these instruments.

HFIR

- HB-1 Polarized Triple-Axis Spectrometer
- HB-1A Fixed-Incident-Energy Triple-Axis Spectrometer
- HB-2A Neutron Powder Diffractometer
- HB-2C US/Japan Wide-Angle Neutron Diffractometer (WAND)*
- HB-3 Triple-Axis Spectrometer
- HB-3A Four-Circle Diffractometer
- CG-1D Neutron Imaging Prototype Station*
- CG-2 General-Purpose SANS
- CG-3 Bio-SANS
- CG-4C Cold Neutron Triple-Axis Spectrometer
- CG-4D Image-Plate Single Crystal Diffractometer (IMAGINE)*

SNS

- BL-1B Nanoscale-Ordered Materials Diffractometer (NOMAD)
- BL-2 Backscattering Spectrometer (BASIS)
- BL-3 Spallation Neutrons and Pressure Diffractometer (SNAP)
- BL-4A Magnetism Reflectometer (MR)
- BL-4B Liquids Reflectometer (LR)
- BL-5 Cold Neutron Chopper Spectrometer (CNCS)
- BL-6 Extended Q-Range SANS (EQ-SANS)
- BL-7 Engineering Materials Diffractometer (VULCAN)
- BL-11A Powder Diffractometer (POWGEN)
- BL-15 Neutron Spin Echo Spectrometer (NSE)
- BL-17 Fine-Resolution Fermi Chopper Spectrometer (SEQUOIA)
- BL-18 Wide Angular-Range Chopper Spectrometer (ARCS)

**Instruments with limited availability for general users*

For more information:

Neutron Scattering Science User Office, neutronusers@ornl.gov or (865) 574-4600.

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neutrons.ornl.gov

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