Neutron Sciences Call for Proposals Due September 18, 2018

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 a.m. (EDT), Tuesday, September 18, 2018.

This call is for experiments anticipated to run from January to June 2019.

Information and instructions

To learn more about submitting a proposal for beam time, go to neutrons.ornl.gov/users/ or directly to the proposal system at https://snsapp1.sns.ornl.gov/xprod/f?p=100. 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

HFIR

- HB-1 Polarized Triple-Axis Spectrometer (PTAX)
- HB-1A Fixed-Incident-Energy Triple-Axis Spectrometer (FIE-TAX)
- HB-2A Neutron Powder Diffractometer (POWDER)
- HB-2B Neutron Residual Stress Mapping Facility (NRSF2)
- HB-2C Wide-Angle Neutron Diffractometer (WAND^2)
- HB-3 Triple-Axis Spectrometer (TAX)
- HB-3A Four-Circle Diffractometer
- CG-1D Neutron Imaging
- CG-2 General-Purpose SANS (GP-SANS)*
- CG-3 Bio-SANS*
- CG-4C Cold Neutron Triple-Axis Spectrometer (CTAX)
- CG-4D Image-Plate Single-Crystal Diffractometer (IMAGINE)

*Limited availability

For more information on any of these instruments go to neutrons.ornl.gov/instruments, or contact the Neutron Sciences User Office at neutronusers@ornl.gov or (865) 574-4600.

SNS

- BL-1A Ultra-Small-Angle Neutron Scattering Instrument (USANS)
- BL-1B Nanoscale-Ordered Materials Diffractometer (NOMAD)
- BL-2 Backscattering Spectrometer (BASIS)
- BL-3 Spallation Neutrons and Pressure Diffractometer (SNAP)
- BL-4A Magnetism Reflectometer (MAGREF)
- BL-4B Liquids Reflectometer (LIQREF)
- BL-5 Cold Neutron Chopper Spectrometer (CNCS)
- BL-6 Extended Q-Range SANS (EQ-SANS)
- BL-7 Engineering Materials Diffractometer (VULCAN)
- BL-9 Elastic Diffuse Scattering Spectrometer (CORELLI)
- BL-11A Powder Diffractometer (POWGEN)
- BL-11B Macromolecular Neutron Diffractometer (MaNDi)
- BL-12 Single-Crystal Diffractometer (TOPAZ)*
- BL-14B Hybrid Spectrometer (HYSPEC)
- BL-15 Neutron Spin Echo Spectrometer (NSE)
- BL-16B Vibrational Spectrometer (VISION)
- BL-17 Fine-Resolution Fermi Chopper Spectrometer (SEQUOIA)
- BL-18 Wide Angular-Range Chopper Spectrometer (ARCS)

OAK RIDGE National Laboratory | HIGH FLUX ISOTOPE REACTOR | SPALLATION NEUTRON SOURCE

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