ORNL Neutron Sciences Call for Proposals

The ORNL Neutron Sciences User Program is accepting proposals for the 2020-B operational cycle. Proposals awarded beam time will be scheduled to run at SNS in July–December 2020 and at HFIR in June–December 2020.

Deadline: Noon (EST), Wednesday, February 26, 2020

Beam time is granted through the User Program and is free of charge with the condition researchers publish their results, making them available to the scientific community. All proposals will be reviewed for feasibility, safety, and the potential for high-impact science. For more information, see neutrons.ornl.gov/users/ or contact the Neutron Sciences User Office at neutronusers@ornl.gov or (865) 574-4600.

Available instruments for general users:

High Flux Isotope Reactor (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 (Single Crystal)
- CG-1D Neutron Imaging Facility (IMAGING)
- CG-2 General-Purpose SANS (GP-SANS)
- CG-3 Biological SANS (Bio-SANS)
- CG-4C Cold Neutron Triple-Axis Spectrometer (CTAX)
- CG-4D Laue Diffractometer (IMAGINE)

Spallation Neutron Source (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)

Click here to apply for beam time.

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

Managed by UT-Battelle for the US Department of Energy. The High Flux Isotope Reactor and the Spallation Neutron Source are DOE Office of Science User Facilities.

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