**NEUTRONS.ORNL.GOV** 

# Fixed-Incident-Energy Triple-Axis Spectrometer • HB-1A

Low-energy excitations, magnetism, structural transitions

neutrons.ornl.gov/fietax

## **Polarized Triple Axis** Spectrometer • HB-1

Polarized neutron studies of magnetic materials, low-energy excitations, structural transitions

neutrons.ornl.gov/ptax

#### **Neutron Powder** Diffractometer • HB-2A

Structural studies, magnetic structures, texture and phase analysis

neutrons.ornl.gov/powder

#### WAND2 · HB-2C

Diffuse-scattering studies of single crystals and time-resolved phase transitions

neutrons.ornl.gov/wand

### **Polarized Neutron Development Station** • HB-2D

**Development of new components** and techniques for utilizing polarized neutrons

neutrons.ornl.gov/ntd

# **Reactor Pressure** Vessel

**Cold Neutron** Source

# Development Beam Line • CG-1A Detector development

and testing neutrons.ornl.gov/ntd

#### **Optics** Development Beam Line • CG-1B

Sample alignment and optics neutrons.ornl.gov/ntd

#### **Cold Neutron** Imaging Beam Line • CG-1D

Transmission imaging of natural and engineered materials neutrons.ornl.gov/imaging

## General-Purpose SANS · CG-2

Materials structure and processing, metallurgy, polymers, geophysics, high-Tc superconductors, complex fluids, magnetism and spin textures

neutrons.ornl.gov/gpsans

#### Bio-SANS · CG-3

Proteins and complexes, pharmaceuticals. biomaterials

neutrons.ornl.gov/biosans

# **Neutron Residual** Stress Mapping Facility · HB-2B

Strain, texture, and phase mapping in engineering materials

neutrons.ornl.gov/nrsf2

#### **Triple-Axis** Spectrometer • HB-3

Medium- and high-resolution inelastic scattering at thermal energies

neutrons.ornl.gov/tax

### **Four-Circle** Diffractometer • HB-3A

Small unit-cell nuclear & magnetic structural studies

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## **Polarized** Neutron Development Station • CG-4A/4B

Development of larmor precession techniques

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### **Cold Neutron Triple-Axis** Spectrometer • CG-4C

High-resolution inelastic scattering at cold neutron energies

neutrons.ornl.gov/ctax

## **Image-Plate** Single-Crystal Diffractometer (IMAGINE) · CG-4D

Atomic resolution structures in biology, chemistry and complex materials

neutrons.ornl.gov/imagine

#### LEGEND

