

# 25<sup>TH</sup> National School on Neutron and X-ray Scattering

August 6-18, 2023

Application deadline: Monday, March 13, 2023

## Purpose:

The main purpose of the National School on Neutron and X-ray Scattering is to educate graduate students in the use of major neutron and x-ray facilities. Lectures, presented by researchers from academia, industry, and national laboratories, include basic tutorials on the principles of scattering theory and the characteristics of the sources, as well as seminars on the application of scattering methods to a variety of scientific subjects. Students will conduct short in-person experiments at Oak Ridge National Laboratory's Spallation Neutron Source and High Flux Isotope Reactor and virtual or hybrid experiments at Argonne's Advanced Photon source, which provide hands-on experience for using neutron and synchrotron sources.

## **Target audience:**

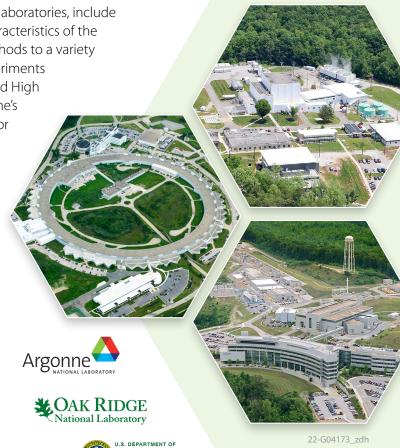
Graduate students attending universities in North America (USA, Canada, and Mexico) majoring in physics, chemistry, materials science, geosciences, engineering or related fields.

#### Jointly conducted by:

Argonne National Laboratory (ANL)
Oak Ridge National Laboratory (ORNL)

#### **School coordinators:**

Stephan Rosenkranz, ANL Jessica McChesney, ANL Chengjun Sun, ANL Bianca Haberl, ORNL Adam Aczel, ORNL Keith Taddei, ORNL Michael Manley, ORNL



## Where to apply:

Complete and submit your application through the website at bit.ly/NXSchool

#### For more information go to:

https://neutrons.ornl.gov/nxs or bit.ly/NXSchool

### Contact us at:

Neutron and X-ray School Division of Educational Programs Argonne National Laboratory 9700 S. Cass Avenue, Lemont, IL 60439 630-252-4114 phone • 630-252-3193 fax nxschool@anl.gov

