



24TH National School on Neutron and X-ray Scattering

July 10–22, 2022

Application deadline: Monday, March 7, 2022

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 experiments and experimental tutorials at Argonne's Advanced Photon Source (APS) and Oak Ridge's Spallation Neutron Source (SNS) and High Flux Isotope Reactor (HFIR) facilities to obtain experience 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.

Location:

We intend to host this event in person at Argonne National Laboratory and Oak Ridge National Laboratory. However, our plans are contingent on the federal and local COVID-19 controls and guidance in place on the date of the event. If the event is unable to take place in person, programming will shift to a virtual format.

School coordinators:

Stephan Rosenkranz, ANL
Uta Ruett, ANL
Yongseong Choi, ANL

Bianca Haberl, ORNL
Michael Manley, ORNL



Argonne
NATIONAL LABORATORY

OAK RIDGE
National Laboratory



21-G02421/jdh

Where to apply :

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

For more information go to:

<https://neutrons.ornl.gov/nxs> or bit.ly/NXSschool

Contact us at:

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