



# Virtual 23<sup>rd</sup> National School on Neutron and X-ray Scattering

July 12–30, 2021

Application deadline: Monday, March 1, 2021

## 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 remote 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.

## School coordinators:

Stephan Rosenkranz, ANL	Bianca Haberl, ORNL
Uta Ruett, ANL	Michael Manley, ORNL
John Okasinski, ANL	Matthias Frontzek, ORNL

## Where to apply :

Complete and submit your application through the website at [bit.ly/NXSschool](http://bit.ly/NXSschool)

## For more information go to:

<https://neutrons.ornl.gov/nxs> or [bit.ly/NXSschool](http://bit.ly/NXSschool)

## Contact us at:

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