



1st Annual CLS Introduction to X-ray Absorption Spectroscopy and Microprobe Workshop

November 1-3, 2023

Attend virtually or in-person

Apply by Sept. 30

Enroll in this exciting workshop developed for graduate students, postdocs and early career researchers with everything they need to know to begin to utilize the CLS for their research projects.

Over the course of three days, participants will receive instruction on the following:

- Principles of photon interaction with matter
- Soft and Hard x-ray spectroscopy principles and applications
- X-ray fluorescence imaging and microanalysis techniques
- Developing beamtime proposals and accessing the CLS
- Hands on sample preparation
- Beamline operations on the SGM, IDEAS and SM beamlines
- XAS data handling, processing and visualization

Hands-on instruction on sample preparation and beamline operation will be provided!

Tours of the CLS, networking with CLS staff and the opportunity to socialize with your peers!

Can't attend in-person? Virtual attendance of the lectures is possible, with free registration.

Learn more: For event details and to apply, visit event.fourwaves.com/cls-aum-2023 or scan the QR code below.



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