

ORNL Computational Instrument Scientist

Expertise

- Crystallographic Data reduction in presence of complex sample environments
- Analysis of with imperfect in situ diffraction data
- (amateur) coding

Current Projects

- Multi-bank reduction and analysis of powder diffraction data
- Rapid slicing of event data
- Complex TOF attenuation corrections

Career Highlights

- Lead high pressure sample environment at ESS for 7 years
- Developed a (TOF) attenuation correction for single-crystal anvils
- Developed reduction approaches for in situ PDF data in pressure cells

