October 2-4, 2022, 79th Pittsburgh Diffraction Conference

The annual Pittsburgh Diffraction Conference will be held at Argonne National Laboratory hosted by the Advanced Photon Source (APS). The conference discusses progress in fundamental and applied diffraction and crystallographic research ranging from materials discovery for functional devices to targeting viruses for drug development.

Tentative Agenda
The plenary sessions will address the upgrade of the APS, advances in electron microscopy, and outlook into upcoming developments. Separate sessions in materials and biology related topics will be held on AI assisted research, automation and autonomous experiments, serial crystallography, room temperature MX diffraction, total scattering in bulk and thin films, Covid related research, and in situ and operando structural science for clean energy.

Awards
The Chung Soo Yoo Award, established by the Pittsburgh Diffraction Society to honor Dr. Yoo’s memory, and a $400 cash prize will be given to the graduate students having the best poster presentation at the conference in the field of materials and biological research, respectively. If you want to nominate a candidate for the Sidhu award, please reach out to John Rose (jprose@uga.edu). Please also visit this webpage for further information: http://www.pittdifsoc.org/index.html

Registration
starting May 2022

Satellite event
School on Powder diffraction and PDF analysis held by the Structural Science group at the APS directly after the conference. For additional information: https://aps.anl.gov/Structural-Science/SRS-Courses or contact Wenqian Xu wenqianxu@anl.gov