

APS Workshop 10: Impact of Bright Sources on EXAFS Measurements and Analysis

Thursday, May 5, Afternoon

- 1:00 – 1:30 Matt Newville (University of Chicago)
XAS Analysis Software with Larch, XAS Viewer, and Python
- 1:30 – 2:00 Carlo Segre (Illinois Institute of Technology)
Future of X-ray Absorption Spectroscopy at Sector 10 after the APS Upgrade
- 2:00 – 2:30 Tony Lanzirotti (University of Chicago)
Recent Developments at the GSECARS X-ray Microprobe Beamline and Preparations for APS-U
- 2:30 – 3:00 Liz Cottrell (Smithsonian Institution)
Can I Have Fewer Photons Please? Analytical Challenges Arising from Radiation-induced Redox Changes in Planetary Materials
- 3:00 – 3:15 Break
- 3:15 – 4:00 Bhoopesh Mishra (Illinois Institute of Technology)
Applications of Synchrotron for Designing Sustainable Carbon-based Materials of the Future
- 4:00 – 4:45 Yulia Pushkar (Purdue University)
In Situ XAS to Study Mechanisms of Metalloproteins and Biomimetic Systems for Clean Energy and Environmental Remediation
- 4:45 – 5:00 Wrap-up and Discussion
- 5:00 Adjourn