

APS Plenary Session

Monday, May 10, Afternoon

Session Chair: Zou Finfrock (Canadian Light Source, Science Division)

- 1:25 – 1:35 Zou Finfrock (Canadian Light Source, Science Division)
Welcome
Announcement of the 2021 Gopal K. Shenoy Excellence in Beamline Science Award Winner
- 1:35 – 1:50 Robert Hettel (Advanced Photon Source, Argonne National Laboratory)
APS Upgrade Update
- 1:50 – 2:30 2021 Arthur H. Compton Award Talks
Mark Rivers (Center for Advanced Radiation Sources (CARS), The University of Chicago)
Reflections on 45 Years of Progress in X-ray Detectors and Data Acquisition

Steve Sutton (Center for Advanced Radiation Sources and Department of the Geophysical Sciences, The University of Chicago)
Earth and Planetary Science with the GSECARS X-ray Microprobe
- 2:30 – 3:10 Michael Toney (University of Colorado)
Insights into Ion Transport with Coherent X-rays
- 3:10 – 3:20 Break
- 3:20 – 3:40 Hsinhan (Dave) Tsai (First Solar)
2020 Rosalind Franklin Award Talk
Synchrotron Characterization for Emergent Hybrid Perovskites Materials
- 3:40 – 4:20 Anthony Rollett (Carnegie Mellon University)
High-energy X-ray Microscopy Insights into Additive Manufacturing
- 4:20 – 5:00 Di-Jia Liu (Chemical Sciences & Engineering Division, Argonne National Laboratory and Pritzker School of Molecular Engineering, The University of Chicago)
Developing Next-generation Electrocatalysts for Fuel Cell, Water Splitting, and CO₂ Conversion Applications