

## APS Plenary Session

### Monday, April 17, Afternoon

- 1:15 – 1:25 Mingda Li, Vice-chair, APS Users' Executive Committee (Massachusetts Institute of Technology)  
*Welcome and Announcement of the 2023 Gopal K. Shenoy Excellence in Beamline Science Award Winner: Zhonghou Cai*
- 1:25 – 1:40 Jim Kerby, Director, APS Upgrade (Argonne National Laboratory)  
*APS Upgrade Update*
- 1:40 – 2:20 Marm Dixit (Oak Ridge National Laboratory)  
2023 Rosalind Franklin Young Investigator Award Recipient  
*Synchrotrons for Solid-state Batteries*
- 2:20 – 3:00 Amy Clarke (Colorado School of Mines)  
*Making, Measuring, and Modeling Metallic Alloys: Insights from In-situ Characterization*
- 3:00 – 3:10 Break
- 3:10 – 3:50 Christopher Murray (University of Pennsylvania)  
*Building with Artificial Atoms: Structural and Functional Studies of Multifunctional Nanomaterials Created by Multiscale Nanocrystal Self-assembly*
- 3:50 – 4:30 Reeru Pokharel (Los Alamos National Laboratory)  
*Accelerating In Situ Mesoscale Materials Characterization using Machine Learning*
- 4:30 – 5:10 Brian Korgel (University of Texas at Austin)  
*Creating a Universe in a Grain of Sand: Nanocrystals, Nanorods, and Nanowires Synthesis and Assembly*
- 5:10 Adjourn