

User Science Plenary Session: Day 1

Monday, May 5, Afternoon

Session Chair: Stuart Stock, APS Users' Executive Committee Vice-chair (Northwestern University)

- 1:15 – 1:20 Stuart Stock, Vice-chair, APS Users' Executive Committee (Northwestern University)
Welcome; Announcement of the 2025 Gopal K. Shenoy Excellence in Beamline Science Award Winner (Kamel Fezzaa, Argonne National Laboratory); Announcement and Introduction of the 2025 Rosalind Franklin Young Investigator Award Winner
- 1:20 – 2:00 Lin Gao – APS (Argonne National Laboratory)
2025 Rosalind Franklin Young Investigator Award Recipient
Metal Additive Manufacturing: From Printing Mechanisms to Microstructure Control
- 2:00 – 2:40 Wei Bao – CNM (Rensselaer Polytechnic Institute)
New Room-temperature Playground for Bose-Einstein Condensates Using Halide Perovskites
- 2:40 – 3:20 Daniel Shoemaker – APS (University of Illinois at Urbana-Champaign)
Functional Electronic Materials on the Verge of Stability
- 3:20 – 3:40 Break
- 3:40 – 4:20 Deji Akinwande – CNM (University of Texas at Austin)
CNM Keynote Presentation
Atomic Sheets for Nonvolatile Energy-efficient Systems and Hydrogen Clean Energy Materials
- 4:20 – 5:00 Karena Chapman (State University of New York, Stony Brook)
APS Keynote Presentation
X-ray Visions: Bringing Future Materials into Focus
- 5:00 Adjourn

User Science Plenary Session: Day 2

Tuesday, May 6, Morning

Session Chair: Preston Snee, CNM Users' Executive Committee Chair (University of Illinois at Chicago)

- 8:30 – 8:35 Preston Snee, Chair, CNM Users' Executive Committee (University of Illinois at Chicago)
Welcome and Introduction of the 2025 Arthur H. Compton Award Winner Ian Robinson (University College London)
- 8:35 – 9:15 Ian Robinson – APS (University College London)
2025 Arthur H. Compton Award Recipient
Bragg Coherent Diffraction Imaging at the Advanced Photon Source
- 9:15 – 9:55 Dmitri Talapin – CNM (University of Chicago)
Advancing Synthetic Frontiers at the Intersection of Solid-state and Molecular Chemistry
- 9:55 – 10:15 Break
- 10:15 – 10:55 Efrain Rodriguez – APS (University of Maryland, College Park)
Title TBD
- 10:55 – 11:35 Su Ying Quek – CNM (National University of Singapore)
Title TBD
- 11:35 Adjourn