Opening Session — Morning
Bldg. 402, Lecture Hall

Session Chairs: Amy Clarke (Colorado School of Mines, Department of Metallurgical and Materials Engineering) and Zhili Xiao (Northern Illinois University, Department of Physics)

8:30—8:35  Amy Clarke, Chair, APS Users Organization and Zhili Xiao, CNM Users Executive Committee
            Welcome and Launch of the 2018 Meeting

8:35—8:45  Paul K. Kearns, Argonne Laboratory Director
            Welcome from the Laboratory

8:45—9:10  Harriet Kung, Associate Director of Science (US Department of Energy, Basic Energy Sciences)
            The DOE Perspective

9:10—9:25  Jodi Muckelbauer (Bristol-Myers Squibb) Member of the Board of Directors for the Society for Science at User Research Facilities (SSURF)
            Update on the Society for Science at User Research Facilities

9:25—9:30  Stephen Streiffer, APS Director
            Introduction of Keynote Speaker

9:30–10:10 Keynote Speaker: Harald Reichert, European Synchrotron Radiation Facility
            Science at the ESRF: Results and Future Challenges

10:10–10:35 Break

10:35–10:50 Stephen Streiffer, APS Director
            APS Update

10:50–11:05 Supratik Guha, CNM Director
            CNM Update

11:05–11:20 Jim Kerby, APS Upgrade Project Manager
            APS Upgrade Update

11:20—11:25 Amy Clarke, Chair, APS Users Organization and Zhili Xiao, CNM Users Executive Committee
            Introduction of the Speed Science Slam

11:25–12:00 S³: Speed Science Slam

APS: Andre Al Haddad (Argonne National Laboratory)
            Characterizing Photoinduced Excited States with ~10 ps Resolution Using Time Slicing X-ray Absorption Spectroscopy
CNM: A. Jean-Luc Ayitou (Illinois Institute of Technology)
*Triplet-Triplet Annihilation-based Photon Upconversion Using All-organic Polycyclic Aromatic Donor and Acceptor Chromophores*

APS: Matt Frith (Argonne National Laboratory)
*An In Situ Synchrotron X ray Scattering Study of Microstructural Evolution in a Ni Based Alloy*

APS: Jonnathan Medina Ramos (Argonne National Laboratory)
*Understanding the Structural Dynamics of Bismuth-based Cathodes in Solutions of Alkyl-imidazolium Ionic Liquids, under Conditions for Electrochemical CO₂ Reduction*

CNM: Anastasios Pateras (University of Wisconsin-Madison)
*Dynamical Scattering Effects in Coherent X ray Nanodiffraction*

APS: Niranjan Parab (Argonne National Laboratory)
*Multi-scale Imaging in Metal Additive Manufacturing*

12:00–1:30 Lunch (in the Tent)