

8:55 - 9:00	Introductory Remarks
9:00 - 9:30	Bhoopesh Mishra (College of Science, Illinois Institute of Technology) <i>Biogeochemical Controls on Contaminant and Nutrient Cycling</i>
9:30 - 10:00	David A. Fike (Washington University in St. Louis) <i>Mapping the Spatial Distribution and Chemical Speciation of Sulfur Phases in Sedimentary Carbonates</i>
10:00 - 10:30	Evert Elzinga (Rutgers University) <i>Using XAFS Spectroscopy to Examine the Geochemistry of Fe(II) in Riparian Soils</i>
10:30 - 10:45	Break
10:45 - 11:15	Anastasia G. Ilgen (Sandia National Laboratory) <i>Reactivity of Fe(III) in the Octahedral Sheet of Natural and Synthetic Fe Phyllosilicates</i>
11:15 - 11:45	Jeffrey G. Catalano (Washington University in St. Louis) <i>Surface X-ray Scattering Studies of Ion Adsorption, Redox Reactions, and Water Structure at Mineral-Fluid Interfaces: Recent Observations and New Possibilities with the APS Upgrade</i>
11:45 - 12:15	F. Marc Michel (Department of Geosciences, Virginia Tech) <i>Real-time Scattering Studies of Mineral Growth by Nanoparticle Aggregation</i>
12:15 - 12:20	Concluding Remarks
12:20	Adjourn