10:15 – 11:00  

*Implications of nanoparticle aggregation state and reactivity*
Mark Wiesner

*The strong influence of nanoparticle surface coatings on aggregation, deposition, and environmental effects of nanoparticles*
Gregory V. Lowry

11:00 – 11:30  

*An Integrated Approach Toward Understanding the Environmental Fate, Transport, Toxicity and Occupational Health Hazards of Metal and Metal Oxide Nanomaterials*
Vicki Grassian

11:30 – 12:00  

*Fullerenes in aquatic systems: Interactions with biological systems*
Joseph Hughes

LUNCH

1:30 – 2:00  

*Interaction of Fullerene (C\textsubscript{60}) Nanoparticles with Silica Surfaces: Implications for Nanoparticle Removal in Engineered Systems*
Kai Loon Chen

2:00 – 2:30  

*Sustainable Technologies for Arsenic Remediation and Carbon Dioxide Sequestration*
Cafer T. Yavuz

2:30 – 3:00  

*Quantum Dot-Microbe Interactions: Ecotoxicological Implications*
Shaily Mahendra and Pedro J.J. Alvarez

BREAK

3:30 – 4:00  

*In-Situ Investigation of Iron Oxide Nanoparticle Evolution at Mineral-Water Interfaces*
Young-Shin Jun, Glenn A. Waychunas, Byeongdu Lee

4:00 – 4:30  

*Nanotechnology enabled sensors for pathogens in drinking water*
Pete Vikesland