

Missouri Inorganic Day 2013
4th May 2013, Missouri S&T Rolla

Time	Speaker	Topic
9 – 9:05 am	Welcome address	
9:05 – 10:15 am	<i>Magnetic Materials and Spectroscopy; Chair: Prof. Gary Long</i>	
9:05 – 9:35 am	Fernande Grandjean	<i>Synthesis and Fading of Eighteenth-century Prussian Blue Pigments: a Combined Study by Spectroscopic and Diffractive Techniques using Laboratory and Synchrotron Radiation Sources</i>
9:35 – 9:55 am	Stephen Holmes	<i>Tuning Magnetic and Optical Bistability in Cyanometalate Complexes.</i>
9:55 – 10:15 am	David Van Horn	<i>Positron Annihilation Spectroscopy for Materials Characterization.</i>
10:15 – 10:30 am	Coffee break	
10:30 am – 12pm	<i>The world of Coordination Chemistry; Chair: Prof. Pericles Stavropoulos</i>	
10:30 – 11:00 am	Paul Sharp	<i>Molecular Halogen Photoelimination from Pt(IV), or is it?</i>
11:00 – 11:20 am	Nikolay Gerashimchuk	<i>Bis-cyanoximes: new players on the field of multidentate acidoligands</i>
11:20 – 11:40 am	Fengrui Qu	<i>Aerobic Oxidation of Me₃tacn PdII to PdIV</i>
11:40 – 12 noon	Jia Luo	<i>Oxidative Reactivity of (N₂S₂)PdIIRX Complexes (R, X = Me or Cl): Involvement of Pd(III) and Pd(IV) Intermediates</i>
12 – 2 pm	Lunch and Poster Session	
2 pm	Discussion about the next MOID venue and hosts	
2 – 3:20 pm	<i>Inorganic Materials Chemistry; (Prof. A. Choudhury)</i>	
2:00 – 2:20 pm	Gary Long	<i>Mössbauer Spectral Study of the Linear Two-Coordinate Fe[C(SiMe₃)₃]₂ Complex and its Reduced Anion, Fe[C(SiMe₃)₃]₂⁻</i>
2:20 – 2:40 pm	Alicia M. Beatty	<i>Hydrogen-bonded porous frameworks from molecular precursor</i>
2:40 – 3:00 pm	Justin Walensky	<i>The Softer Side of Actinide Chemistry</i>
3:00 – 3:20	Jakub Koza	<i>Template-Free Electrodeposition of Freestanding MnO₂ Nanowires and Their Pseudo-Capacitive Properties</i>
3:20 – 3:30 pm	Tea break	
3:30 – 5 pm	<i>Inorganic Nanostructures & their Applications; Prof. Jay Switzer</i>	
3:30 – 4:00 pm	Kattesh Katty	<i>Antioxidant Phytochemicals As Building Blocks In Green Nanotechnology: Implications In Chemistry, Engineering and Medicine</i>
4:00 – 4:20 pm	Xiabo Chen	<i>Black Titanium Dioxide Nanocrystals</i>
4:20 – 4:40 pm	Sukhada Mishra	<i>Enhancement of Superconducting T_c in FeSe Nanostructures through Increased Interfacial Pressure</i>
4:40 – 5 pm	Jeffrey Winiarz	<i>Functionalization of Holographic Composites through the Inclusion of Inorganic Semiconductor Nanocrystals</i>