



Ohio Inorganic Weekend 2008

Schedule for Nov. 8th

- 7:45 – 8:25 Continental Breakfast (Wolfe Hall Lobby)
- 8:25 – 8:30 Introduction and Opening Remarks
Joseph A. R. Schmidt; University of Toledo
- Research presentations--30 minutes each, including questions. (Wolfe Hall 1205)
- 8:30 – 9:00 Photon Upconversion in Solution and in Solid Polymer Films
*Tanya Singh-Rachford, Rادی Islangulov, and Felix Castellano**
Bowling Green State University
- 9:00 – 9:30 Accessing the Long-lived Triplet Excited State in Perylenediimides
*Aaron A. Rachford, Sébastien Goeb, and Felix N. Castellano**
Bowling Green State University
- 9:30 – 10:00 Two Color Reversible Photochromism
*Beth Anne McClure and Jeffrey J. Rack**
Ohio University
- 10:00 – 10:30 Coffee Break
- 10:30 – 11:00 Synthesis, Reactivity and Catalysis Involving 3-Iminophosphine Palladium(II) Complexes
*Andrew R. Shaffer and Joseph A. R. Schmidt**
University of Toledo
- 11:00 – 11:30 Hydrosilylation of Aldehydes and Ketones Catalyzed by Nickel PCP-Pincer Hydride Complexes
*Sumit Chakraborty and Hairong Guan**
University of Cincinnati
- 11:30 – 12:00 An Analysis of Current Models of Mixed Valence Complexes and a Proposal for a New Classification
*Ben Lear and Malcolm Chisholm**
The Ohio State University
- 12:00 – 1:30 Lunch Break

- 1:30 – 2:00 Progress Toward the Synthesis, Characterization, and Relaxivity Properties of a New Series of Gd³⁺ Complexes That Contain Dendrimers
*Holliness Nose and Matthew J. Allen**
Wayne State University
- 2:00 – 2:30 The Effect of a Proton in High-Spin Ferrous Heme-Imidazole Complexes
Corinne Sulok^a, Chuanjiang Hu^b, W. Robert Scheidt^b, Charles Schulz^c, and Nicolai Lehnert^{a}*
^aUniversity of Michigan, ^bUniversity of Notre Dame, ^cKnox College, Galesburg, IL
- 2:30 – 3:00 Nickel(II) in N₃S₂ Ligand Fields Inspired by Superoxide Dismutase
Huaibo Ma,^a Jeffrey L. Petersen^b, and Michael P. Jensen^{a}*
^aOhio University; ^bWest Virginia University
- 3:00 – 3:15 Break
- 3:15 – 3:45 Fine-Tuning the Redox-Cyclability of Asymmetrical Trivalent Iron and Cobalt Complexes as Prototypes for Molecular Switches
*Marco M. Allard and Claudio N. Verani**
Wayne State University
- 3:45 – 4:15 On the Relationship Between Coordination and Protonation Preferences and Amphiphilic Behavior in Metallosurfactants
*Frank D. Lesh and Claudio N. Verani**
Wayne State University
- 4:15 – 4:45 Synthesis, Redox, and Amphiphilic Properties of Responsive Salicylaldimine-Copper(II) Soft Materials
*Sarmad Sahiel Hindo, Rajendra Shakya, N. S. Rannulu, Mary Jane Heeg, M. T. Rodgers, Sandro R. P. da Rocha, Claudio N. Verani**
Wayne State University
- 4:45 Closing Remarks
Mark Mason; The University of Toledo