



2011 Ohio Inorganic Weekend Oral Presentations

8:30am–4:50pm on Saturday October 29, 2011
400B Tangeman University Center (TUC)
University of Cincinnati



8:30-8:55 **Continental Breakfast**

8:55-9:00 **Welcoming Remarks by Prof. Bill Heineman, Head of Chemistry Department**

Morning Session (Chaired by Prof. Hairong Guan)

Time	Title	Presenter	Affiliation	Advisor
9:00-9:25	Modulation of Water-Exchange Rates Using Polymers in Ln(III)-Containing Complexes	Buddhima Siriwardena-Mahanama	Wayne State University	Matt Allen
9:25-9:50	Exploring the Rich Electron Transfer Behavior of Mn, Fe, Co, and Ga Complexes with a Redox-Active Bis(phenolate) Phenylenediamine Ligand	Frank Lesh	Wayne State University	Claudio Verani
9:50-10:15	Graminophosphines: A New Class of Ionic Liquid Soluble Ligands and their Application in C–C Coupling Reactions	Adam Keith	University of Toledo	Mark Mason
10:15-10:35	Coffee Break			
10:35-11:00	Metal Scorpionate Complexes as Nitrene Transfer Catalysts	Shengwen Liang	Ohio University	Michael Jensen

10:00-11:25	Exploring the Reactivity of Flavonoids Toward Metal-Associated Amyloid-beta Species in Alzheimer's Disease	Alaina DeToma	University of Michigan	Mi Hee Lim
11:25-11:50	Microporous Organic Solids with Very Large Asymmetric Units	Joshua Greenfield	Oberlin College	Jesse Rowsell
11:50-1:30	Lunch Break			
12:55-1:20	Tour of the Chemistry Buildings (Meets in TUC Room 400-B at 12:45)			

Afternoon Session (Chaired by Prof. Bill Connick)

Time	Title	Presenter	Affiliation	Advisor
1:30-1:55	Targeted Contrast Agents for Magnetic Resonance Imaging	Sashiprabha Vithanarachchi	Wayne State University	Matt Allen
1:55-2:20	Synthesis, Redox Properties, and Langmuir Monolayer Formation of Selected 3d-Metalloamphiphiles	Rama Shanmugam	Wayne State University	Claudio Verani
2:20-2:45	A New Class of Trianionic Constrained Geometry Ligands: Synthesis, Characterization, and Representative Complexes	Chris Yeisley	University of Toledo	Mark Mason
2:45-3:10	Kinetic and Mechanistic Studies of the Reactions of Vitamin B12 Derivatives with Nitroxyl (HNO) Donors	Harishchandra Subedi	Kent State University	Nicola Brasch

3:10-3:30	Coffee Break			
3:30-3:55	Synthesis and Characterizations of Conjugated Materials with Phosphorus	Feng Laughlin	Case Western Reserve University	John Protasiewicz
3:55-4:20	O ₂ Activation at Pseudotetrahedral Ni(II) Phenolate Complexes	Tapash Deb	Ohio University	Michael Jensen
4:20-4:45	Novel Light Responsive alpha-Hydroxy Acid Iron Chelates	Mark Shelton	University of Cincinnati	Mike Baldwin
4:45-4:50	Closing Remarks by Prof. Bill Connick			

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