



Saturday, October 30, 2010  
Research Presentations

1008 Evans Laboratory  
9:00 AM – 5:00 PM

<i>Time</i>	<i>Title</i>	<i>Presenter</i>	<i>School</i>	<i>Advisor</i>
9:00-9:05	Opening Remarks	Malcolm Chisholm	Ohio State Univ.	
	<b>Session 1 (chaired by Yiying Wu)</b>			
9:05-9:35	Theory and Experiment in $\text{Re}(\text{CO})_3(\text{X})_3$ Compounds	James T. Engle	Univ. of Akron	Christopher J. Ziegler
9:35-10:05	Effects of Strong Donor/Acceptor Electronic Mixing in Ruthenium(II) Bipyridine Complexes Manifested in their Spectroscopic and Electrochemical Properties and Supported by Computational Methods	Marco Allard	Wayne State Univ.	John F. Endicott
10:05-10:35	Reactivity of High-Valent Nonheme Oxoiron(IV) Intermediates with Hydrogen Peroxide	Joseph J. Braymer	Univ. of Michigan	Mi Hee Lim
10:35-11:00	Coffee break			
	<b>Session 2 (chaired by Mi Hee Lim)</b>			
11:00-11:30	Allogonic and non-allogonic spin crossover in NiSOD model complexes	Huaibo Ma	Ohio Univ.	Michael P. Jensen
11:30-12:00	Synthesis and structures analysis of platinum(II) and platinum(IV) complexes with bis(oxazoline) pincer ligands for the two-electron transfer reaction	Doali Zhao	Univ. of Cincinnati	William B. Connick
12:00-1:30	Lunch break			
	<b>Session 3 (chaired by Joshua Goldberger)</b>			
1:30-2:00	Physicochemical Modification and Characterization of Electric Arc-Prepared Carbon Nano-Onions	Rituraj Borgohain	Univ. of Kentucky	John Selegue



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2:00-2:30	Development of Multifunctional Small Molecules as Chemical Tools and Potential Therapeutics for Alzheimer's Disease	Jung-Suk Choi	Univ. of Michigan	Mi Hee Lim
2:30-3:00	ortho-Lithiated Acetophenone Imines: Synthesis, Characterization, and Their Group V Metal Complexes	Abdollah Neshat	Univ. of Toledo	Joseph A. R. Schmidt
3:00-3:20	Coffee break			
<b>Session 4 (chaired by Matthew Allen)</b>				
3:20-3:50	Pseudotetrahedral Ni(II) arylthiolate and phenolate complexes	Tapash Deb	Ohio Univ.	Michael P. Jensen
3:50-4:20	Toward Slowly-Tumbling Eu(II) Complexes as Potential Contrast Agents for MRI	Joel Garcia	Wayne State Univ.	Matthew J. Allen
4:20-4:50	Reactions of electrochemically generated platinum(IV) and palladium(IV) complexes with multi-electron substrates	Kumudu Madduma-Liyanage	Univ. of Cincinnati	William B. Connick
4:50	Closing remarks	Yiying Wu	Ohio State Univ.	