



Ohio Inorganic Weekend 2009

Oral Presentations

Saturday, 14 November 2009

Clapp Hall 108

- 8:00-8:25 **Continental Breakfast (Hovorka Atrium)**
- 8:25-8:30 **Introduction and Opening Remarks (John Protasiewicz, Case Western Reserve University)**
- 8:30-9:00 **PEG-PLA Micelles for Delivery of Silver Carbene Complexes for Antimicrobial and Anticancer Therapeutics**
Knap, Amanda R.; Panzner, Matthew J; Li, Linlin; Sen Gupta, Anirban; Youngs, Wiley J.
University of Akron
- 9:00-9:30 **Toward Oxidatively Stable Eu(II) Complexes**
Gamage, Nipuni Dhanesha H.; Allen, Matthew J.
Wayne State University
- 9:30-10:00 **Poly (organophosphazenes) with azolyphenoxy side groups for use as a proton conducting membrane in fuel cells**
Moolsin, Supat; Panzner, Matthew, J.; Hamilton, Bart; Pischera, Anna; Cakmak, Mukerrem; Espe, Matthew, P.; Tessier, Claire, A.; Youngs, Wiley, J.
University of Akron
- 10:00-10:30 **Coffee Break (Hovorka Atrium)**
- 10:30-11:00 **Iodide-induced Photocurrent Enhancement in Os(II) Dye-Sensitized Solar Cells**
Onicha, Anthony C.; Castellano, Felix N.
Bowling Green State University
- 11:00-11:30 **Ligand Loss Photochemistry of Ruthenium Benzonitrile Complexes**
Sqambellone, Mark, A
Ohio State University
- 11:30-12:00 **Prussian Blue Nanoparticles for Cellular Imaging: Towards A New Generation of T1-Weighted MRI Contrast Agents**
Huang, Songping D.; Shokouhimehr, Mohammadreza; Soehnlén, Eric S.; Hao, Jihua; Basilion, James P.; Soumitra Basu
Kent State University
- 12:00-1:30 **Lunch Break**

- 1:30-2:00 **Of Mice and Prussian Blue: The Best Laid Plans for Medicinal Applications of PB Nanoparticles**
Huang, Songping D.
Kent State University
- 2:00-2:30 **Mechanisms of toxicity for radiopharmaceuticals based on the M(CO)₃+ (M= Re, Tc) fragment**
Robenstine, Sarah, L.; Ziegler, Christopher J; Herrick, Richard; Rowlett, Roger; Milsted, Amy, Underwood, Adam
University of Akron
- 2:30-3:00 **Spectroscopic characterization and kinetics of photoswitching in ruthenium sulfoxide complexes**
McClure, Beth Anne; Abrams, Eric R.; Rack, Jeffrey J.
Ohio University
- 3:00-3:15 **Break**
- 3:15-3:45 **Orthometallated Imines as Ligands of Transition and Main Group Metals**
Beck, John F. ; Schmidt, Joseph A.R.
The University of Toledo
- 3:45-4:15 **Dynamic NMR Study of Fluxional Group 13 Lewis Acid Adducts of [PCl₂N]₃**
Zin-Min Tun, Matthew J. Panzner, Doug A. Medvetz, Amy Heston, Deepa Savant, Peter L. Rinaldi, Wiley J. Youngs, Claire A. Tessier
University of Akron
- 4:15-4:45 **Synthesis, Characterization, and Photophysical Properties of Aurated Aromatic Compounds**
Peay, Miya, Gray, T. G.
Case Western Reserve University
- 4:45 Closing Remarks (John Protasiewicz, Case Western Reserve University)

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