



Guelph-Waterloo Centre for Graduate Work in Chemistry and Biochemistry

(GWC)² Poster Presentations

University of Guelph on Friday, April 24th, 2009 at 4:30 in the UC – Peter Clark Hall.

For easy identification, each poster has been designated a number that corresponds to posted numbers on the Poster Boards.

#	Name	Poster Title	Supervisor
1	Janet Baron-Gavidia	Electrochemical study of the thiosulfate-gold interface under leaching conditions	Dr. J. Lipkowski
2	Samad Bazargan	Electronic Transport in the Nanostructured films of SnO ₂ : What happens during the transition from amorphous to crystalline phase?"	Dr. T. Leung
3	Francis Brosseau	Predicting Iron Transport in a "Generation IV" Supercritical-Water-Cooled Nuclear Reactor* Additional names on the poster: Dave Guzonas (AECL, Chalk River Laboratories)	Dr. P. Tremaine
4	Neil Cockburn	Ruthenium catalyzed [2+2] cycloadditions of alkynylphosphonates	Dr. W. Tam
5	Kristy Erickson	Deuterium Isotope Effects on Ionization Constants and Standard Partial Molar Properties of DCl, LiCl and NaCl in Heavy Water under CANDU Reactor Operating Conditions	Dr. P. Tremaine
6	Jordan Goodreid	Asymmetric Ruthenium-catalyzed [2+2] Cycloadditions between Bicyclic Alkenes and Alkynes Bearing the Acyl Camphorsultam Chiral Auxiliary	Dr. W. Tam
7	Michael Grossutti	Scaffolded Vesicles as a Model Membrane System	Dr. J. Lipkowski
8	M. Selim Hossain	A novel base induced cyclization of alkynyl sulfones	Dr. A. Schwan
9	Annia Kycia	Construction of a Free Bilayer Lipid Membrane on Hydrophilically Modified Gold	Dr. J. Lipkowski
10	Ben Machin	Ruthenium-Catalyzed Nucleophilic Ring Opening Reactions of a 3-Aza-2-oxabicyclo[2.2.1]hept-5-ene with Alcohols	Dr. W. Tam
11	Melerin Madekufumba	Equilibrium quotients for ion-pair formation of the neutral species MgSO ₄ (aq) under hydrothermal conditions, based on Raman spectroscopy and apparent molar volume measurements.	Dr. P. Tremaine
12	Rahimi Mehdi	Cyclic Biamperometry	Dr. S. Mikkelsen
13	Emeka Okeke	Inclusion ability of cadmium dibenzoylmethanate complex coordinated with quinoline	Dr. D. Soldatov
14	Alireza Omumi	Synthesis of oligonucleotides containing C8-phenolic-2'-deoxyguanosine adducts: precursor for oxidative DNA cross-link formation	Dr. R. Manderville
15	Jong Park	A Study of Thin Films of Perovskite Metal Oxides to Find a Novel Mixed Ionic and Electronic Conductor	Dr. D. Thomas
16	Amanda Quirk	Atomic Force Microscopy Study of Cellulose Enzyme Interactions	Dr. J. Lipkowski
17	Helen Stubbs	Thermodynamic Analysis of Stability for Dimer Interface fALS-associated Mutants of Cu,Zn-Superoxide Dismutase	Dr. E. Meiering
18	Heather Turner	Asymmetric Conjugate Addition of Arylboronates to α,β -unsaturated Compounds Catalyzed by Substituted Binaphthols	Dr. M. Chong
19	Mansoor Vezvaie	Development of Nanostructure Electrodes for Surface Enhanced Raman Spectroscopy (SERS) study of Model Biomembrane	Dr. J. Lipkowski
20	Chris Zuliani	New Strategies for the peri Lithiation of Naphthyl Derivatives	Dr. A. Schwan

*Posters may be set up after 3:00pm on April 24th. The poster board display area is 48"x58."

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