

# Inorganic and Analytical Chemistry Seminar Program, Seminar 1, 2009

Coordinator: Professor Tony Wedd

Email: [agw@unimelb.edu.au](mailto:agw@unimelb.edu.au)



12 noon Tuesdays, Cuming Theatre, School of Chemistry

Date	Speaker	Title
March 3	<b>Dr. Guillem Aroni</b> (University of Barcelona)	Synthesis of Molecular Cluster Pairs: Addressing the Challenges of Quantum Computing through Coordination Chemistry
March 10	<b>Prof. Alan Cowley</b> (University of Texas at Austin)	Novel Lanthanide and Main Group Complexes Supported by Redox-Active Diazabutadiene, Bis(imino)acenaphthene and Related Ligands
Thurs March 19, 1 pm	<b>Prof. Venceslas Kaucic</b> (University of Ljubljana, Slovenia)	Modified Microporous and Mesoporous Materials and their Composites  (Joint with Phys Chem: <b>note change of time</b> )
March 24	<b>Dr. David Jones</b> (University of Melbourne)	Organic Solar Cells: Materials, Characterization and Device Assembly
March 31	<b>Dr. Rosalie Hocking</b> (Monash University)	Backbonding- Quantifying, Measuring and Applying it: from Crystallography to Spectroscopy; from Electronic Structure to Geometric Structure; from Innocent to non-Innocent
April 7	<b>Mr. Victor Ng</b>	Molybdenum Complexes Containing Hydrogen-Bond Acceptors or Donors as Models for Mononuclear Molybdoenzymes
April 14	<b>Easter Break</b>	
April 21	<b>Dr. James Hickey</b> (University of Melbourne)	Synthetic approaches towards anticancer agents. Gold and silver complexes with bidentate N-heterocyclic carbene ligands
April 28	<b>Mr. Kerwyn Alley</b> (University of Melbourne) <b>Mr. Jens Brose</b> (University of Bielefeld)	Ferrofluids: The Art and Application of Liquid Magnets  Glutathione Reductase: an Enzyme or a Copper Chaperone or Both?
May 5	<b>Prof. Keith Murray</b> (Monash University)	Metallo-Supramolecular Clusters and Frameworks; Spin-exchange, Single Molecule Magnets and Spin-switching
May 12	<b>Ms. Michelle Ma</b> (University of Melbourne)	Cagey Turns and Complex Twists: Synthesis and Applications of Metallopeptides
May 19	<b>Mr. Matthias Zimmermann</b> (University of Melbourne)	Copper and Zinc: How Nature Sorts Them Out
May 26	<b>Assoc. Prof. Ian McKelvie</b> (Monash University)	Diffusive Gradients and Equilibria in Thin Films: A Different Approach to Measuring Phosphorus Fluxes and Concentrations in Aquatic Sediments