

Programme

Thursday 19th July 2012

16:00	Registration
17:45	Opening and Honorary Fellowship Presentation Professor David Phillips, <i>Immediate Past President, RSC</i>
18:00	Plenary 1: Joan Valentine Manganese and superoxide: Curiosity-driven research at the inorganic chemistry-biology interface <i>UCLA, USA</i>
19:00	Welcome Reception

Friday 20th July 2012

08:00	Registration
08:45	Opening Comments Professor David Phillips, <i>Immediate Past President, RSC</i> Professor Doug Stephan, <i>Conference Chair</i>
	Session 1 – Catalysis Chair: Professor Josh Figueroa, <i>University of California, San Diego, USA</i>
09:00	Plenary 2: Paul Chirik Modern alchemy: The chemistry of base metal catalysis <i>Princeton University, USA</i>
09:45	Contributed 1: Adam S Veige A new trianionic ONO ³⁻ -pincer-type ligand and its application in generating highly nucleophilic M-C multiple bonds: An inorganic enamine <i>University of Florida, USA</i>
10:10	Plenary 3: Kyoko Nozaki New catalysts for carbonylation and carboxylation <i>The University of Tokyo, Japan</i>
10:55	Coffee
11:20	Plenary 4: R Tom Baker Striking while the iron's hot: Selective and robust Fe homo- and het-cats for ammonia-borane dehydrogenation <i>University of Ottawa, Canada</i>
12:05	Contributed 2: John Errington Non-aqueous polyoxometalate reactivity: insights into catalytic potential <i>Newcastle University, UK</i>
12:30	Lunch
14:00	Plenary 5: Noritaka Mizuno Design of highly functionalized polyoxometalate-based nano-structured catalysts <i>The University of Tokyo, Japan</i>

	Session 2 – Magnetism Chair: Dr John Errington, <i>Newcastle University, UK</i>
14:45	Plenary 6: Annie K Powell Supramolecular approaches in the quest for improved molecular magnets <i>Karlsruhe University, Germany</i>
15:30	Contributed 3: Stephen Liddle Actinide-ligand multiple bond linkages: recent progress in uranium carbene and nitride chemistry <i>University of Nottingham, UK</i>
15:55	Coffee
16:20	Plenary 7: George Christou Title TBC <i>University of Florida, USA</i>
17:50	Plenary 8: Roberta Sessoli Single molecule magnets on surfaces: Achievements and challenges <i>University of Florence, Italy</i>
18:00	Poster session 1
19:30	Close

Saturday 21st July 2012

	Session 3 – Porous Materials Chair: Dr Rahul Bannerjee, <i>National Chemical Laboratory, India</i>
09:00	Plenary 9: Joseph T Hupp Title TBC <i>Northwestern University, USA</i>
09:45	Contributed 4: Stephen Loeb Metal-organic frameworks with dynamic interlocked components <i>University of Windsor, Canada</i>
10:10	Plenary 10: William Dichtel Title TBC <i>Cornell University, USA</i>
10:55	Coffee
11:20	Plenary 11: Russell Morris Title TBC <i>University of St Andrews, UK</i>
12:05	Contributed 5: Tomislav Friščić New low-energy and low-solvent approaches to metal-organic materials: new methods and in situ mechanistic studies <i>McGill University, Canada</i>
12:30	Lunch
	Session 4 – New Materials for Energy Chair: Dr Stephen Skinner, <i>Imperial College London, UK</i>
14:00	Plenary 12: Clare Grey Title TBC <i>University of Cambridge, UK</i>

14:45	Contributed 6: Gill Reid Developing reagents for the deposition of nanostructured metals and materials <i>University of Southampton, UK</i>
15:10	Plenary 13: Sossina Haile Title TBC <i>California Institute of Technology, USA</i>
15:55	Coffee
16:20	Plenary 14: Viola Birss Title TBC <i>University of Calgary, Canada</i>
17:05	Contributed 7: Rahul Bannerjee Functionalized porous framework materials for storage, sequestration and proton conduction <i>National Chemical Laboratory, India</i>
17:30	Poster session 2
19:00	Close

Sunday 22nd July 2012

	Session 5 – Main Group Chemistry Chair: Professor Doug Stephan, <i>University of Toronto, Canada</i>
09:00	Plenary 15: François P Gabbaï Lewis acidic properties of heavy group 15 and 16 compounds <i>Texas A&M University, USA</i>
09:45	Contributed 8: Joshua Figueroa Reaction chemistry stemming from cobalt tris-isocyanide complexes <i>University of California, USA</i>
10:10	Plenary 16: Simon Aldridge Exploitation of boryl substituents for the stabilization of novel sub-valent main group systems <i>University of Oxford, UK</i>
10:55	Coffee
11:20	Plenary 17: Warren E Piers Activation of CO and CO ₂ with decamethylscandocinium-hydridoborate contact ion pairs <i>University of Calgary, Canada</i>
12:05	Contributed 9: Merle Arrowsmith Beryllium: Unique chemistry of the forbidden element <i>University of Bath, UK</i>
12:30	Contributed 10: Paul Ragona Main group centered cations: Utilizing a zwitterionic strategy to solve the problems of their onwards chemistry <i>Western University, Canada</i>
12:55	Closing Remarks Professor Doug Stephan, <i>University of Toronto, Canada</i>
13:00	Close

* Denotes presenting author to whom affiliation applies