

Program

SUNDAY 25 JULY					
1200 – 1730	Registration				Hall K
1730 – 1930	Welcome reception				Hall K
MONDAY 26 JULY					
0730 – 1700	Registration				Hall K
0830 – 1000	Opening ceremony Chair: S Lincoln Plenary 1: Bioinorganic chemistry Chair: C Orvig Lanthanide complexes as cellular probes and diagnostic agents D Parker (001)				Hall C
1000 – 1030	Morning tea & exhibition				Hall J&K
1030 – 1245	Concurrent A1: Inorganic materials chemistry Chair: S Brooker	Concurrent B1: Bioinorganic chemistry Chair: R Hartshorn	Concurrent C1: Supramolecular chemistry Chair: K Murray	Concurrent D1: Metals in synthesis (and catalysis) Chair: E M Hey-Hawkins	
1030	Concurrent keynote: Coordination Chemistry and Supramolecular Approaches to creating Functional Materials A Powell (002)	Concurrent keynote: Copper Complexes Designed as Diagnostic Radiopharmaceuticals P Donnelly (008)	Concurrent keynote: The Power of Weak Interactions for Constructing New Metallosupramolecular Assemblies P Steel (014)	Concurrent keynote: Homogeneous Catalysts with a Mechanical “Machine-like” Action. Catalytic Solar Water Splitting Inspired by Photosynthesis G Swiegers (020)	
1000	Homoleptic and heteroleptic peroxo complexes of Nb, Ta and Mo as versatile molecular precursors for multimetallic oxide materials M Devillers (003)	When basic Chemistry meets Radiopharmaceutical Design: Coordinated Ligand Effects in the Substitution Kinetics of [Re(CO) ₃ (L,L')(H ₂ O)] _n - H Visser (009)	Catalysis Using Macrocyclic Bound Copper(I): Active Template Synthesis of [2]Catenanes J Wu (015)	Mechanisms of oxidation reactions: a binuclear intermediate in the oxidation of PtMe ₂ (bipy) (bipy=2,2'-Bipyridine) by IPh(C,CSiMe ₃)(OTf) (OTf = Triflate) M Sharma (021)	
1120	Towards Metal Complexes with Multiple Valence Tautomeric Transitions C Boskovic (004)	Selective Aggregation of a Pt-Gd Complex Within a Tumour Cell Nucleus L Rendina (010)	Controlling Molecular Architecture in Tris-Chelate Complexes N Fletcher (016)	Absolute Asymmetric Synthesis M Hakansson (022)	
1140	Lanthanoid Hydroxo Clusters - Plan, Make, Use! M Massi (005)	Homo- and Heteroleptic Bismuth Arenesulphonates; Synthesis, Structure and Biological Activity P Andrews (011)	Coordination behaviour of bis-pyridylimine ligands: polymers, metallamacrocycles and helicates K Gloe (017)	Towards mechanism of catalytic hydroxylation of C1-C3 alkanes in mild conditions in the presence of Au-bioflavonoid complexes A Shestakov (023)	
1200	Redox Active Keggin-like {Mn ₁₃ } Single Molecule Magnets G Newton (006)	Interesting Observations between Kinetic and Crystallographic data of [Re(CO) ₃ (L,L')(H ₂ O)] Compounds M Schutte (012)	Synthetic, Thermodynamic and Structural Study of three Macrocyclic Ligands with a number of Metal Ions. Inductive versus Steric Effects R Luckay (018)	Some metal complexes of artemisinin derivatives and chromium (III) tridentate imino-pyridine substituted schiff base (N ⁺ N ⁺ N) - ethylene polymerization reaction J Obaleye (024)	
1220	Strong Ferromagnetic Interaction Observed in Linear Chain Rhodium(I)- Semiquinonato Complex M Mitsumi (007)	Sc(III) and Ga(III) complexes of polydentate ligands for nuclear medicine. Solution and solid-state chemistry of overlooked metal ions. P Hermann (013)	Soluble Graphene-based Ligands and Complexes N Lucas (019)	Substantial Inverse Isotope Effects in the Hydrogen Atom Abstraction from L-Rh(III)-H/D+ Macrocyclic Complexes by Methyl Radicals in Aqueous Solutions D Meyerstein (025)	
		Hall C	Meeting Rooms 1&2	Meeting Room 10	Meeting Room 11
1245 – 1345	Lunch & exhibition				Hall J&K
1345 – 1515	Plenary 2 Chair: L Lindoy Plenary: Supramolecular chemistry A supramolecular enzyme mimic: 10 ⁶ -fold rate enhancement and chiral selectivity in a self-assembled host K Raymond (026) Keynote: Metals in synthesis (and catalysis) “Naked” Metal Nanoparticles in Ionic Liquids from Metal Carbonyl Precursors: Synthesis, Characterization and Use as Hydrogenation Catalysts C Janiak (027)				Hall C

1515 – 1545	Afternoon tea & exhibition				<i>Hall J&K</i>
1545 – 1740	Concurrent A2: Inorganic materials chemistry Chair: M Halcrow	Concurrent B2: Bioinorganic chemistry Chair: L Rendina	Concurrent C2: Supramolecular chemistry Chair: C Boskovic	Concurrent D2: Metals in synthesis (and catalysis) Chair: A Masters	
1545	Concurrent keynote: Macrocyclic Coordination Architectures Displaying Multiple Electron-Transfer Processes M Abe (028)	Concurrent keynote: Anisotropy in Vibrational Spectroscopy: Nuclear Resonance Vibrational Spectroscopy W Scheidt (033)	Concurrent keynote: Structural Diversity in Complexes from Nitrogen-Rich Hybrid Ligands A Hor (038)	Concurrent keynote: Covalent and Non-Covalent Assemblies for Catalysis M Gandelman (043)	
1615	Thioether-functionalised phosphanides - surprisingly non-innocent ligands E Clark (029)	Cu(II) bound to 5'-GMP and poly d(GC): Structural analysis by pulsed EPR spectroscopy B Spingler (034)	Proton-induced Tuning of Metal-metal Interaction in Dinuclear Ru Complexes Bearing Benzimidazolyl Ligand M Haga (039)	Metal complexes of benzimidazole-based N-heterocyclic carbene-pincer ligands D Brown (044)	
1635	New Vapochromic Hydrogen-Bonded Proton-Transfer Assemblies A Kobayashi (030)	Mn ²⁺ Complexes with Macrocyclic ligands: Thermodynamic, Kinetic, Crystallographic and 1H/17O NMR Relaxation Studies I Lukes (035)	Chromium and Vanadium 3d/4f Systems and the Investigation of their Magnetic Properties J Rinck (040)	Unconventional Reactivity of an N-Heterocyclic Carbene Containing a 1,1'-Ferrocenediyl Backbone towards Small Molecules U Siemeling (045)	
1655	Putting the 'Spin' on Electron Transfer D D'Alessandro (031)	Bioinorganic and Inorganic Perspectives of Metal-Coordinated Radicals R Mukherjee (036)	Polyphosphorus Moieties in Coordination Chemistry M Scheer (041)	Piano Stool Complexes of N-Heterocyclic Carbenes with Pendant Pyridyl Functionalities G Saunders (046)	
1715	Neutral-Ionic Transition in Covalent-Bonded Donor/Acceptor Assemblies H Miyasaka (032)	Hangman Corrole-Complexes as Biomimetic Models M Schwalbe (037)	Recent Developments in Carbon-rich Organoiron-based Molecular Wires F Paul (042)	New Insights into the Structures and Reactivity of Organocuprates and Amidocuprates R Davies (047)	
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>	
1900 – 2100	Alan Sargeson and Hans Freeman memorial session Chair: G Lawrance Biotransformations and Mechanisms of Action of Ruthenium Anti-Cancer Pro-Drugs P Lay (048) Structure and Function of Copper-Containing Amine Oxidases D Dooley (049) 2-Iminocarboxylates at Cobalt(III): Synthesis, Reactivity and Stereoselectivity A Hammershøi (050) Using structural databases to develop and test models of metal-ligand bond deformation T Hambley (051) Metallo-Supramolecular Strategies for Assembling New Nanoscale Molecular Structures L Lindoy (052)				<i>Meeting Rooms 1&2</i>
2100 – 2200	Post session drinks				

TUESDAY 27 JULY

0800 – 1700	Registration				<i>Hall K</i>
0830 – 1000	Plenary 3 – Stanley Kirschner memorial lecture Chair – J Reedijk Plenary: Inorganic materials chemistry Evolution of Porous Coordination Polymers S Kitagawa (053) Keynote: New challenges: energy and the environment Light driven generation of hydrogen from water: New developments, new strategies and new results R Eisenberg (054)				<i>Hall C</i>
1000 – 1030	Morning tea				<i>Hall J&K</i>
1030 – 1245	Concurrent A3: Inorganic materials chemistry Chair: C Janiak	Concurrent B3: Bioinorganic chemistry Chair: T Hambley	Concurrent C3: Supramolecular chemistry Chair: A Hor	Concurrent D3: Werner complexes Chair: A Blackman	
1030	Concurrent keynote: Syntheses and Cubic NLO Properties of Arylalkynylruthenium Dendrimers and Related Complexes M Humphrey (055)	Concurrent keynote: Dinuclear Ruthenium(II) Complexes as Selective Binding Agents for Non-Duplex DNA R Keene (061)	Concurrent keynote: Self-assembly of spherical structures A Williams (067)	Concurrent keynote: What's in a chemical shift? High Resolution 195Pt NMR as a tool in understanding the deceptively simple Pt(II/IV) chemistry in process solutions relevant to PGM separation and refining. K Koch (073)	

1100	The Effect of Metal-Metal Interactions on Stacked Mononuclear and Dinuclear Rhodium 2,2' - biimidazole Carbonyl Complexes P Hirva (056)	Ruthenium(II) Cyclopentadienyl Full-Sandwich Complexes for the Treatment of Cancer and other Disease States B Loughrey (062)	A Chiral Calixarene Hydrogelator Tuned by Adding Salts, Switched with pH M Ogden (068)	Quantification of Luminescence Quenching by C-H-Oscillators in Near-IR Emitting Lanthanoid Bipyridine Cryptates M Seitz (074)
1120	Metalloamphiphiles as Functional Materials G Koutsantonis (057)	Photo-activated Cytotoxins - Synthesis and Photochemistry of Heterodinuclear Ru(II)-Co(III) Complexes R Hartshorn (063)	Coordination Chemistry Beyond the Molecules: A Short Analysis and Applications of a New Method for the Description of Closed Coordination Clusters G Kostakis (069)	Kinetico-mechanistic studies on the formation of discrete cyanide-bridged polynuclear mixed valence compounds M Martinez (075)
1140	Discovery and Development of Crystalline Chalcogenide Clusters Containing Zn ₈ S Cores J Xie (058)	Towards molecular transporters on lipid bilayers: Photocleavage of polypyridyl ruthenium complexes from model membranes, and back coordination S Bonnet (064)	Molecular Alloys - Supramolecular Selection and Concentration Gradients in Crystals J McMurtrie (070)	Syntheses and Properties of Complexes having Pt->M (M = Au, Hg) Dative Bond T Yamaguchi (076)
1200	Ru(II) polypyridine complexes attached to Ag nanoparticles in fractal aggregates: Evaluation of factors influencing surface-enhanced optical processes B Vlckova (059)	Ruthenium(II) polypyridyl complexes: cellular DNA binding and cytotoxicity M Gill (065)	Isothermal Titration Calorimetry of Simple Complexes and Helicates S Clifford (071)	The Electronic Structure of Tris(dithiolene) Complexes of Vanadium and Rhenium: Where are the (Valence) Electrons? S Sproules (077)
1220	On the fabrication and stabilization of copper-based nanoparticles for catalysis A Wheatley (060)	Protonation induced spin-flip in Fe(II)-peroxo and -hydroperoxo complexes G Christian (066)	Neutron Diffraction Studies of Hydrogen-Bonding Networks in Hydrated Ln/K Complexes D Turner (072)	Syntheses of Ruthenium Complexes Bearing N-Ethyl-N,N-bis(pyridylmethyl)amine by Chloro Ligands Dissociation Accompanying a Metal-center Reduction H Nagao (078)
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>
1245 – 1345	Lunch & exhibition			<i>Hall J&K</i>
1345 – 1515	Concurrent A4: Inorganic materials chemistry Chair: J A Real Cabezas	Concurrent B4: Bioinorganic chemistry Chair: K Lo	Concurrent C4: Other Chair: P Tasker	Concurrent D4: Werner complexes Chair: E Coronado
1345	Concurrent keynote: Spintronics Based on Single-Molecule Quantum Magnets M Yamashita (079)	Concurrent keynote: Stability of the Coordination Bond between the Heme Fe Atom and N-Terminal Amino Group in Denatured Hydrogenobacter thermophilus Cytochrome c552 and Its Effect on the Overall Protein Stability Y Yamamoto (083)	Concurrent keynote: Mono- bis- and tris- Imido Complexes of Uranium J Boncella (087)	Concurrent keynote: Computational Coordination Chemistry: Harnessing the Full Potential of DFT R Deeth (091)
1415	Iron(II) triazole complexes: mono-, di- and tri-nuclear SCO complexes S Brooker (080)	Probing the nature of the Co(III) ion in cobalamins: a comparison of the physical and coordination properties of aquacyanocobester and an aquacyano-stable yellow corrinoid H Marques (084)	Lanthanoid and group 2 complexes involving aryloxide ligands of moderate steric bulk P Junk (088)	Solvent Exchange on Homoleptic Acetonitrile Lanthanide Complexes L Helm (092)
1435	Fe(II) spin crossover compounds based on 1-functionalized tetrazoles - a comparative study to elucidate the structure-property relationship P Weinberger (081)	A di-imine copper(II) complex exhibiting a peculiar reactivity regarding its binding to albumin protein A M Da Costa Ferreria (085)	Nature of the pnictogen - chalcogen bonds; from diatomic to complex organometallic molecules. M Kubicki (089)	Stabilisation of Oxoanion Chelates through Steric Inhibition of Protonation: Co(III) Complexes containing Bidentate HCO ₃ ⁻ and HPO ₄ ²⁻ A Blackman (093)
1455	Guest-tunable Spin Crossover of Discrete Iron(II) Complexes of the Asymmetric Ligand N-((1H-imidazol-4-yl)methylene)-1-(pyridine-3-yl)methanamine (3-imp) D Price (082)	Designing ⁶⁴ Cu complexing agents for use in Molecular Imaging and Personalised Medicine S Smith (086)	Rhodium Chemistry of Nicotinamide-Functionalized N-Heterocyclic Carbene Ligands Designed for Hydride Ion-Carrier Capacity S Colbran (090)	Mixed Valence Chemistry of Dimers of Oxo-carboxylato Triruthenium Complexes H Ohtsu (094)
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>

1515 – 1545	Afternoon tea & exhibition	<i>Hall J&K</i>
1545 – 1645	Plenary 4 Chair: P Lay Plenary: Bioinorganic chemistry A Bioorganometallic Journey from Peptide Bioconjugates to Novel Metal-based Antibiotics N Metzler-Noite (095)	<i>Hall C</i>
1645 – 1800	Poster session 1 Networking drinks, please refer to the abstract list for poster details	<i>Hall J&K</i>

WEDNESDAY 28 JULY

0800 – 1300	Registration				<i>Hall K</i>
0830 – 1000	Plenary 5 Chair: S Lincoln Plenary: New challenges: energy and the environment Personalized Energy for the Non-legacy World D Nocera (096) Keynote: Supramolecular chemistry Emergent Self-assembly of Molecular Spheres M Fujita (097)				<i>Hall C</i>
1000 – 1030	Morning tea & exhibition				<i>Hall J&K</i>
1030 – 1245	Concurrent A5: Inorganic materials chemistry Chair: C Kepert	Concurrent B5: Metals in synthesis (and catalysis) Chair: D Meyerstein	Concurrent C5: Supramolecular chemistry Chair: K Gloe	Concurrent D5: Other Chair: P Junk	
1030	Concurrent keynote: Hofmann-like porous metal-organic frameworks exhibiting spin crossover behaviour J A Real Cabezos (098)	Concurrent keynote: The predictable variation of structure, electronics and reactivity of nonheme iron oxidation catalysts P Comba (104)	Concurrent keynote: Multifunctional Metallosupramolecular Nanoballs S Batten (110)	Concurrent keynote: Bioelectronics: molecular scales of analysis and sensing J Davis (116)	
1100	Unusual Hydrazono-Based Jahn-Teller Compressed Manganese(III) Spin-Crossovers Exhibiting Considerable Zero-Field Splitting M Shongwe (099)	Control of the spin-state of Fe(III) in five-coordinated complexes with porphyrins by solvation effects P Stuzhin (105)	Exploiting polydentate 1,2,3-triazoles "click" ligands to generate functional metallosupramolecular architectures J Crowley (111)	Magnetic Molecules for Molecular Spintronics E Coronado (117)	
1120	Iron(II) Spin-Crossover Complexes Possessing Benzotriazole-Derived Ligands M Al-Mandhary (100)	Arene Substituted Cyclopentadienyl Complexes of Zr and Hf D McGuinness (106)	Supramolecular Nanomaterials and Mesophases Self-Organized from Luminescent Organoplatinum(II) Complexes W Lu (112)	Advances in the Coordination Chemistry, Structure and Properties of Lanthanide Phthalocyanines and Related Macrocycles L Tomilova (118)	
1140	Multiple bistability in cyanide bridged Fe-Co complexes H Oshino (101)	Pd-catalysed methoxycarbonylation reactions with Al(OTf) ₃ as co-catalyst B Williams (107)	Two-dimensional Chirality Observed in the Surface Adsorbed Copper(II) Complexes of Alkyl-substituted Schiff-base Ligand K Miyamura (113)	Heteroscorpionates - A Toolbox for Metalloenzyme Models, Organometallics, Supramolecular Chemistry and Hybrid Materials N Burzlaff (119)	
1200	Multifunctional Materials from Iron/Dipyrazolopyridine Spin-Crossover Switches M Halcrow (102)	Dawson-type [P ₂ W ₁₈ O ₆₂] ⁶⁻ , [S ₂ W ₁₈ O ₆₂] ⁴⁻ and [S ₂ Mo ₁₈ O ₆₂] ⁴⁻ polyoxometalates as photocatalysts for water oxidation in ionic liquid media A Bond (108)	Prospective Nanomaterials on the Basis of Metal Complexes with Macrocyclic ligands A Tsivadze (114)	Polyoxometalates derived from aryl-stibonic acids B Nicholson (120)	
1220	Chemically-controlled Spin Transition Behavior in Porous Coordination Polymers M Ohba (103)	Silica-supported Organometallic Catalysts. How Innocent is the Support? A Masters (109)	Small Cation Binding Utilising Proton Sponges P Plieger (115)	Extending Cyanide Ligand Chemistry: The Coordination Chemistry of Cyanoacetylides P Low (121)	
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>	
1245 – 1345	Lunch is available for purchase in the exhibition hall prior to departing on your afternoon tours				<i>Hall J&K</i>
1245	Free afternoon or social tours				

THURSDAY 29 JULY					
0800 – 1700	Registration				Hall K
0830 – 1000	Plenary 6 Chair: R Keene Plenary: Inorganic materials chemistry The Versatility of Metal-Ligand Building Blocks - From Design to Assembly and Photofunctions V W-W Yam (122) Keynote: Bioinorganic chemistry A Highly Stable Functionalizable Platform Chelate for Ga Isotopes C Orvig (123)				Hall C
1000 – 1030	Morning tea & exhibition				Hall J&K
1030 – 1245	Concurrent A6: Inorganic materials chemistry Chair: A Powell	Concurrent B6: Bioinorganic chemistry Chair: R Scheidt	Concurrent C6: Supramolecular chemistry Chair: A Williams	Concurrent D6: Don Stranks presentations, RACI Chair: P Bernhardt	
1030	Concurrent keynote: Combining Multiple Functions within Metal-Organic Framework Materials C Kepert (124)	Concurrent keynote: Simultaneous Imaging of Cell Hypoxia and Cobalt Prodrug Activation in Spheroids Constructed from Transfected Cells T Hambley (130)	Concurrent keynote: Spin Switching, Photomagnetism and Supramolecular Effects in Polynuclear Iron(II) triazine-dipyridylamine and Linked - Tris(pyrazolyl)methane Compounds K Murray (136)	Boron Rich DNA Metallointercalators for Boron Neutron Capture Therapy V Ching (142)	
1100	Post-synthetic Modification and Metalation of Metal-organic Frameworks C Doonan (125)	PhotoCORMs - manganese tricarbonyl complexes and their bioconjugates for the targeted delivery of carbon monoxide to cellular systems U Schatzschneider (131)	Modular Homochiral Porous Coordination Polymers: Rational Design, Enantioselective Sorption and Catalytic Properties V Fedin (137)	Photo-activated Cytotoxins - Heterodinuclear Ru(II)-Co(III) Complexes with Potential Future Application as a Selective Cancer Treatment A Downward (143)	
1120	Host-Guest Chemistry of One-Dimensional Cu(II) Coordination Polymer S Noro (126)	Physiologically-active diguanosine polyphosphates – synthesis, conformation, and properties of Ca ²⁺ -complexes B Fischer (132)	Dehydration/resolution studies of Metal Organic Framework compounds involving some First Row Transition Metal(II) cations and 1, 2, 4, 5-Benzenetetracarboxylic Acid G Watkins (138)	Complexes of Bis(thiosemicarbazonato) Ligands for Amyloid Imaging in Alzheimer's Disease S Lim (144)	
1140	Microporous Metal-Organic Frameworks Based on Pillared Kagome Layers Showing Peculiar Adsorbate Selectivity M Lah (127)	Structural and equilibrium studies on complexes of Ca ²⁺ and gluconate ions in the aqueous phase A Pallagi (133)	Crystal Engineering: Synthesis and structures of supramolecular polymers with wavelike properties O Steward (139)	Negative Thermal Expansion in Porous Framework Materials L Cameron (145)	
1200	Hydrogen and Methane Storage with lightweight metal-organic frameworks M Hill (128)	Examining the Role of Iron and Manganese Coordination Chemistry in Neurodegenerative Disorders M Mehn (134)	Features of the coordination chemistry, structure and networks formation of polyphosphorylporphyrins Y Gorbunova (140)	Design & Characterization Of Luminescent Iridium (III) Complexes For Potential Optoelectrochemical Sensing Applications R Kiran (146)	
1220	Transition Metal Coordination Polymers from Functionalized 1,2,3-Triazoles S Bai (129)	Diagnostic Imaging Agents based on Copper-64: Attachment of a Cage Amine Ligand to Cancer-Targeting Peptides M Ma (135)	Reversible and Selective O ₂ Binding in a Metal-Organic Host P Southon (141)	Solid-State Interactions of Hexaaryl[3]-radialenes with Metal Cations and Anions C Hollis (147)	
		Hall C	Meeting Rooms 1&2	Meeting Room 10	Meeting Room 11
1245 – 1345	Lunch & exhibition				Hall J&K
1345 – 1515	Concurrent A7: Inorganic materials chemistry Chair: M Humphrey	Concurrent B7: Bioinorganic chemistry Chair: H Marques	Concurrent C7: Metals in synthesis (and catalysis) Chair: K Koch	Concurrent D7: New challenges: energy and the environment Chair: R Eisenberg	
1345	Concurrent keynote: Soft Spin Crossover Compounds with Multifunction S Hayami (148)	Concurrent keynote: Luminescent Cyclometalated Iridium(III) Polypyridine Complexes as Biological Labels and Probes K Lo (152)	Concurrent keynote: Multifaceted P,N Ligands in Coordination Chemistry and Homogeneous Catalysis E Hey-Hawkins (156)	Concurrent keynote: Outer sphere coordination chemistry - new ligands for extractive metallurgy P Tasker (160)	
1415	High-Frequency and -Field EPR Spectroscopy of Mono- and Polynuclear Complexes of Rhenium(IV) J Krzystek (149)	O ₂ and H ₂ O Activation by Complexes with Carboxylato-Containing Pentadentate Ligands C McKenzie (153)	(PCP) palladium complexes. Solid state structures and mechanism of CO ₂ insertion into allyl and methyl σ -bonds O Wendt (157)	Solution Behaviour of f-Element Coordination Compounds M Loeble (161)	

1435	Photo-Induced Charge Separation in Pt(II) Molecular Cascades J Best (150)	Efficient O-O bond formation mediated by iron(IV)oxo intermediates K Ray (154)	Hybrid Stacked/Laddered Organolithium Aggregates: A Structural Hypothesis for SuperBase Reactivity M Gardiner (158)	Redox-Active Monolayers: From Molecule-based Sensors to Molecular Logic and Memory Elements. G de Ruiter (162)
1455	Spectroscopic, spin, and magnetic properties of amidate-bridged platinum chain complexes of delocalized or itinerant electrons K Matsumoto (151)	In situ Mn K-edge XAS study of Sustained Water Oxidation by a biomimetic catalyst: New insights into the origin of water oxidation R Hocking (155)	An in situ HP-FTIR Spectroscopic Study of Phosphite Modified Hydroformylation D Selent (159)	Preparation and Characterization of Copper(II)-Terypy Complexes in Zeolite Y Cages S Yamaguchi (163)
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>
1515 – 1545	Afternoon tea & exhibition			<i>Hall J&K</i>
1545 – 1645	Concurrent A8: Inorganic materials chemistry Chair: G Koutsantonis	Concurrent B8: Other Chair: M Hardie 	Concurrent C8: Metals in synthesis (and catalysis) Chair: K Koch	Concurrent D8: New challenges: energy and the environment Chair: R Eisenberg
1545	Efficient Charge Transfer Antenna Tetrathiafulvalene Ligand for the Sensitization of Yb(III) Luminescence L Ouahab (164)	Single crystal diffraction studies in coordination chemistry - Neutron diffraction becoming an accessible technique A Edwards (167)	Cyclopalladated Complexes: Application in Catalytic Transformations Of Unsaturated Hydrocarbons S Mapolie (170)	Rhenium(I) carbonyl-diimine photosensitizers: fluorescence, phosphorescence, ultrafast dynamics and function A Vıcek (173)
1605	Sensitised Trivalent Lanthanoid Luminescence in the Visible and Near Infra-Red E Moore (165)	Recent results from ANSTO's Neutron Scattering/ Deuteration Facility A Edwards (168)	Ethylene Tetramerisation: Diphosphinoamine Ligand Evaluation in Metal-Based Catalyst Precursor Models A Roodt (171)	Hydrogen Delivery and Storage: Ruthenium(II)-Phosphine Complexes for High Pressure H2 Production from Formic Acid G Laurenczy (174)
1625	Design and Studies of New Class of Readily Tunable Isocyanato Rhenium Diimine Luminophore C Ko (166)	Recent results from ANSTO's facilities/research in applications of radioisotopes in solving medical, industrial and environmental issues S Smith (169)	Synthesis, Structural Characterization and Reactivity of Zerovalent Mono- and Binuclear Platinum-Carbonyl-Diphosphine Complexes S Schreiner (172)	Four-electron Oxidation of Water through Intramolecular Oxygen-oxygen Coupling on Dinuclear Ru Complexes K Tanaka (175)
	<i>Hall C</i>	<i>Meeting Rooms 1&2</i>	<i>Meeting Room 10</i>	<i>Meeting Room 11</i>
1645 – 1800	Poster session 2 Networking drinks, please refer to the abstract list for poster details			<i>Hall J&K</i>
1900 – 2330	Conference dinner Proudly sponsored by ANSTO 			<i>Hall G</i>

FRIDAY 30 JULY

0830 – 1200	Registration	<i>Hall K</i>
0900 – 1030	Plenary 7 Chair: K Wainwright Plenary: Metals in synthesis (and catalysis) Bond Activation Chemistry with Uranium Complexes P Arnold (176) Keynote: Supramolecular chemistry Star-burst prisms and polymers: nano-scale hosts, new topologies and more M Hardie (177)	<i>Hall C</i>
1030 – 1100	Morning tea	<i>Hall J&K</i>
1100 – 1200	Plenary 8 – Burrows Award Lecture, Inorganic Chemistry Division of the RACI Chair: P Bernhardt Plenary: Bioinorganic chemistry How does Biology Cope with Copper? It is Toxic but Essential A Wedd (178)	<i>Hall C</i>
1200 – 1230	Closing Ceremony	<i>Hall C</i>
	The 2010 AGM of the Inorganic Division of RACI will be held shortly after the closing ceremony	<i>Hall C</i>