



ICOMC 2016

**Tuesday Poster Reception A
 Poster Listing**

Poster Number	Poster Title	Author Name	Theme of Presentation
001	Induced structural changes in palladium(ii) cages	Mr Dan Preston	IC (Supramolecular Chemistry)
002	Luminescent iridium(III) tetrazolate markers for live cell imaging	Miss Chiara Caporale	IC (Bioinorganic Chemistry & Metals in Medicine)
003	Radioactive copper probes for diagnostic imaging of alzheimer's disease	Mr Lachlan McInnes	IC (Bioinorganic Chemistry & Metals in Medicine)
004	Spin crossover in dinuclear N4S2 iron(II) complexes: Access to [HS-HS], [HS-LS] and [LS-LS] spin states	Mr Ross Hogue	IC (Molecular Magnetism)
005	Experimental and density functional theory investigation of valence tautomeric complexes	Miss Gemma Gransbury	IC (Molecular Magnetism)
006	Self-selecting homochiral quadruple-stranded helicates and mesocates	Miss Stephanie Boer	IC (Coordination Clusters & Cage Compounds)
007	Formation of Diarylethene containing metal complexes	Miss Merinda Healey	IC (Supramolecular Chemistry)
008	Spin crossover in triazole-based two-dimensional framework materials	Ms Katrina Zenere	IC (Coordination Polymers / Metal Organic Frameworks)
009	Continuous flow olefin metathesis in high shear dynamic thin films	Mr Scott Pye	IC (Other)
010	Synthesis and sensitised lanthanide luminescence of heterobimetallic d/f terpyridine complexes	Mr Isaac Mark Etchells	IC (Other)
011	Structural versatility in lanthanoid-dioxolene complexes	Dr Elodie Rousset	IC (Coordination Clusters & Cage Compounds)
012	Synthesis, stability and reactivity of phosphazane frameworks	Dr Felipe Garcia	IC (Other)
013	Phytochemical-functionalized gold nanoparticles beneficial to prevention of serial passage-induced senescence	Mr Yong Cheol Shin	IC (Bioinorganic Chemistry & Metals in Medicine)
014	Copper exchange and redox activity of n-truncated β -amyloid and an experimental alzheimer's disease therapeutic	Mr Mariusz Mital	IC (Bioinorganic Chemistry & Metals in Medicine)
015	New technetium-based diagnostics for alzheimer's disease	Mr Scott Fletcher	IC (Bioinorganic Chemistry & Metals in Medicine)
016	Hexaazamacrobicyclic cage amine ligands for copper radiopharmaceuticals	Mr Hui Koay	IC (Bioinorganic Chemistry & Metals in Medicine)
017	An acyclic bisdipyrrin copper(ii) complex	Mr Jacob Rowan	IC (Bioinorganic Chemistry & Metals in Medicine)

018	Copper binding affinities of α -synuclein – implications for parkinson's disease	Mr Benjamin Spyrou	IC (Bioinorganic Chemistry & Metals in Medicine)
019	Anion-directed metallocages, coordination chain, and complex double salt of copper(ii) metallo-assemblies: structures, magnetic properties, epr and density functional study	Prof Jing-Yun Wu	IC (Coordination Clusters & Cage Compounds)
020	Synthesis of novel photochromic polyoxometalate compounds	Miss Jingjing Xu	IC (Coordination Clusters & Cage Compounds)
021	Carbon-rich supramolecular cages	Mr Tae Kim	IC (Coordination Clusters & Cage Compounds)
022	Structural diversity of inorganic supramolecular assemblies constructed by unsymmetrical quasi semirigid pyridinecarboxylate isomers	Miss Xiao-Min Lu	IC (Coordination Polymers / Metal Organic Frameworks)
023	Syntheses, structures, and solution behaviors of ligand-dominated one-dimensional coordination chains of silver(i)-bis(pyridylmethyl)amine adducts	Miss Yu-Jui Tseng	IC (Coordination Polymers / Metal Organic Frameworks)
024	Spin crossover metal-organic frameworks incorporating a redox-active component	Mr Patrick Doheny	IC (Coordination Polymers / Metal Organic Frameworks)
025	Rare 0D to 1D single-crystal-to-single-crystal rearrangement	Dr Solomon Kelemu	IC (Coordination Polymers / Metal Organic Frameworks)
026	Ruthenium(ii) porphyrinic mofs: Synthesis, properties and catalysis	Mr Yuan Wu	IC (Coordination Polymers / Metal Organic Frameworks)
027	Structural transformations and gas sorption of an f4tcnq2- coordination polymer	Mr Robert Elliott	IC (Coordination Polymers / Metal Organic Frameworks)
028	Dye-sensitised photocathode assemblies: electron transfer kinetics and light driven hydrogen Production	Mr Dijon Hoogeveen	IC (Energy Conversion & Storage)
029	Valence tautomeric and spin crossover complexes- towards the development of switchable, molecular based materials.	Miss Tina Tezgerevska	IC (Molecular Magnetism)
030	Aryl spaced bis-(1h)-tetrazoles as rigid bridging ligand systems for iron(II) spin crossover polymers	Mr Marco Seifried	IC (Molecular Magnetism)
031	[1.1.1]propellane spaced bridging 1h tetrazole ligands for rigidity enhanced iron (ii) spin crossover polymers	Mr Christian Knoll	IC (Molecular Magnetism)
032	Kinetico-mechanistic study of ligand substitution on five-coordinate copper(ii)	Mr Tim Zerk	IC (Other)
033	Emissive lanthanide complexes based on the (2-pyridyl)-8-hydroxyquinoline chelate	Mr Bowie Soon Ket Chong	IC (Other)
034	Controllable Synthesis of silver nanoparticles with alkylamines as capped molecules for inkjet-printed flexible electronics	Dr Zhiliang Zhang	IC (Solid State Chemistry and Nanochemistry)
035	Nitrogen doping of carbon nanotubes using ferrocene derivatives	A/Prof Patrick Ndungu	IC (Solid State Chemistry and Nanochemistry)
036	Taking bismuthinite to bismuth sulfide nanorods in two easy steps	Mr Dimuthu Chanaka Senevirathna	IC (Solid State Chemistry and Nanochemistry)
037	The ligand field of iron(iii)-doped aluminium oxide	Mr Myles Atkinson	IC (Solid State Chemistry and Nanochemistry)
038	Coordination polymers from amine-based ligands	Mr Adrian Emerson	IC (Supramolecular Chemistry)
039	Triazine-hydrazone ligand strands: Coordination chemistry and incorporation into polymer gels	Miss Elizabeth Lippitt	IC (Supramolecular Chemistry)
040	Calixarene-lanthanoid based hybrid material for visible and near-infrared luminescence	Mr Christopher Driscoll	IC (Supramolecular Chemistry)
041	Sexipyridine: functionalised components for photocatalytic cages	Miss Ena Luis	IC (Supramolecular Chemistry)

042	Boronic acids and esters containing polyoxometalates	Mr Hedi Karoui	IC (Supramolecular Chemistry)
043	Morpholinyl-cyanohydroximino(acetamides) and their transition metal complexes	Mr Yuniar Ponco Prananto	IC (Supramolecular Chemistry)
044	Guest uptake in square channel materials	Mr Aloysius David Dharma	IC (Supramolecular Chemistry)
045	Inducing high oxidation states in copper and nickel complexes	Miss Jessica Bilyj	IC (Other)
046	Microwave assisted synthesis of new mixed metalates	Mr Samuel Spillane	IC (Supramolecular Chemistry)
047	New tetranuclear Fe(II) complex with n ³ -donor schiff base type ligand as a supramolecular system based on noncovalent organic framework	Włodzimierz Czepa	IC (Supramolecular Chemistry)
048	Para-aryl-substituted salicyl mono and dialdehydes and their transition metal complexes	Mrs Melina Nematirad	IC (Supramolecular Chemistry)
049	A new 89Zr bifunctional chelator for immunopet imaging	Miss Stacey Rudd	IC (Bioinorganic Chemistry & Metals in Medicine)
050	Hierarchical self-assembly of coordination polymers via small supramolecular metalloligands	Mr Aidan Brock	IC (Coordination Polymers / Metal Organic Frameworks)
051	Coordination polymers with redox-active ligands	Mr Christopher Kingsbury	IC (Coordination Polymers/ Metal Organic Framework)
052	Chiral ruthenium(ii) complexes as supramolecular building blocks	Ms Hasti Iranmanesh	IC (Supramolecular Chemistry)
053	Cobalt complexes for hypoxia responsive molecular resonance imaging	Mr Edward O'Neill	IC (Bioinorganic Chemistry & Metals in Medicine)
054	Second-sphere hydrogen bonding effects on beryllium binding strength	Mr David Nixon	IC (Computational & Theoretical Chemistry)
055	Study of solution behaviour, photochromic properties and catalytic potential of a new family of polyoxometalate hybrids	Mrs Fateme Akhlaghi Bagherjeri	IC (Coordination Clusters & Cage Compounds)
056	An improved and efficient process for the preparation of highly pure pyrantel pamoate: an anthelmintic agent	Dr Sangeeta Jagtap	ICOMC (Other)
057	Ruthenium-Catalyzed Decarboxylative transformation of Alkene-Tethered Cyclic Oxime Ester Leading to Substituted Pyridines	Mr Kohei Sasakura	ICOMC (Other)
058	Application of 31P benchtop NMR spectroscopy in organometallic chemistry	Miss Sarah Moore	ICOMC (Other)
059	Synthesis and structure of covalent and ionic platinum phosphinoferrrocene complexes	Miss Priscilla Koirala	ICOMC (Other)
060	Synthesis, characterization, and reactivity of iridium(i) complexes stabilized by chelating diphosphine ligands	Miss Kaeleigh Olsen	ICOMC (Other)
061	Iridium diphosphine hydride complexes: Synthesis and structure	Dr Serge Schreiner	ICOMC (Other)
062	An improved derivative of a cyclopentadienyliron(II) complex as a catalyst precursor for the hydrogen evolution reaction	Miss Ellen Hemming	ICOMC (Sustainable Chemistry)
063	Investigation of the electrochemical behaviour of [Co ₄ (μ ₃ -O) ₄ (μ-OAc) ₄ (py) ₄] and peroxides	Mr Edwin Clatworthy	ICOMC (Sustainable Chemistry)
064	Iron-catalyzed cross-coupling of arylmagnesiums with aryl chlorides and tosylates	Miss Wenqin Wu	ICOMC (Sustainable Chemistry)
065	Microwave irradiation effect on ferrocenophane-forming cyclization reaction	Prof Yutaka Okada	ICOMC (Sustainable Chemistry)

066	Solvent-free mechanochemical Synthesis of 1,1'-ferrocenyldiacrylonitriles and the effect of para-substituents	A/Prof Vincent Nyamori	ICOMC (Sustainable Chemistry)
067	Encaging palladium in the interlayer space of chitosan modified montmorillonite for recyclable catalysts	Dr Minfeng Zeng	ICOMC (Sustainable Chemistry)
068	Novel nitrogen-doped mesoporous carbons supported palladium catalysts prepared from chitosan/silica/palladium gel beads	Prof Chenze Qi	ICOMC (Sustainable Chemistry)
069	Metal-metal multiple bonds with "half-bond" components in paramagnetic organometallics of f-block metals: cyclopentadienyluranium carbonyls as molecular relatives of diuranium	Prof R. Bruce King	ICOMC (Theoretical Studies)
070	DFT study on oxidation of hydrogen molecule catalyzed by thiolate-bridged dinuclear ruthenium complex	Dr Ken Sakata	ICOMC (Theoretical Studies)
071	Trimerization of acetylene in the presence of iridium complex catalysts. A computational study	Prof Nobuaki Koga	ICOMC (Theoretical Studies)
072	Theoretical study on the diradical characters and nonlinear optical properties of metal - carbon bonds	Mr Shota Takamuku	ICOMC (Theoretical Studies)
073	A computational study of the oxidative addition of heteroatom trihalides to a transition metal complex: the origin of its selectivity	Dr Jose Oscar Carlos Jimenez-Halla	ICOMC (Theoretical Studies)
074	Nickel catalyzed olefin transfer hydrocyanation: A theoretical study	A/Prof Li Dang	ICOMC (Theoretical Studies)
075	The light at the end of the cycle: reductive coupling of diynes at rhodium gives fluorescent rhodacyclopentadienes or phosphorescent dibenzorhodacyclopentadienes	Miss Carolin Sieck	ICOMC (Transition Metal Complexes)
076	Assembly and photocurrent behaviors of charge-transfer salts and metal complexes of tetrathiafulvalene derivatives	Prof Qin-Yu Zhu	ICOMC (Transition Metal Complexes)
077	Titanium-oxo-clusters with organic and inorganic fluorophores: quenching and energy transfer properties	Prof Jie Dai	ICOMC (Transition Metal Complexes)
078	Synthesis and characterization of zn(ii), Ni(II) & Co(II) pentaerythritol derivitised dithiophosphonate complexes	Mr Eric Gwaza Ayom	ICOMC (Transition Metal Complexes)
079	Phthalimidine bridged p - ru and sb - ru complexes	Mr Robert Gericke	ICOMC (Transition Metal Complexes)
080	Coupling reactivity of carbon dioxide and acetylene mediated by iron phosphine complexes	Mr Peter Jurd	ICOMC (Transition Metal Complexes)
081	The versatile zirconates in organic Synthesis	Prof Chanjuan Xi	ICOMC (Transition Metal Complexes)
082	Synthesis and characterization of tungsten(v) imido complexes bearing 1,4-diaza-1,3-butadiene ligands	Mr Hideaki Ikeda	ICOMC (Transition Metal Complexes)
083	Improved spectral response does not lead to improved dsc performance: studies on a ruthenium porphyrin-terpyridine conjugate	Mr Angelo Lanzilotto	ICOMC (Transition Metal Complexes)
084	Quantifying the electronic properties of phosphiniferrocene-carboxamides	Dr Jiří Schulz	ICOMC (Transition Metal Complexes)
085	Synthesis, structure, and methyl methacrylate polymerisation of binuclear cobalt, zinc and cadmium complexes	Prof Hyosun Lee	ICOMC (Transition Metal Complexes)
086	Synthesis and complexation of a fullerene derivative containing a phosphine, an amine, and a pyridine binding group	Prof Wen-Yann Yeh	ICOMC (Transition Metal Complexes)
087	Iron, ruthenium and osmium alkynyl complexes: syntheses, linear optical and computational studies	Dr Fazira Ilyana Abdul Razak	ICOMC (Transition Metal Complexes)
088	Anionic phosphorescent platinum(II) complexes	Anna Maria Ranieri	ICOMC (Transition Metal Complexes)
089	Reaction of open-cage fullerenes with rhenium carbonyl clusters	Dr Chi-Shian Chen	ICOMC (Transition Metal Complexes)

090	Activation of H-X (x = h, si, b, c) molecules on a cationic, agostic complex [ruh(pnp)(co)]barf; a combined spectroscopic, crystallographic and DFT study	Mr Ramaraj Ayyappan	ICOMC (Transition Metal Complexes)
091	Transmetalation reactions of n-alkylated benzoxazolin-2-ylidene ligands	Mr Martin Meier	ICOMC (Transition Metal Complexes)
092	Synthesis and reactivity studies of a heteroleptic π -diimine cobalt anion	Mr Stefan Pelties	ICOMC (Transition Metal Complexes)
093	Facile aerobic alkylation of rhodium porphyrins with alkyl halides	Mr Wu Yang	ICOMC(Transition Metal Complexes)
094	Annulation of alkynyl ferrocenyl ethers with internal alkynes through C-H activation by palladium catalysts	Mr Kengo Sugita	ICOMC(Transition Metal Complexes)
095	P - stereogenic dendritic ferrocenyl phosphines	Mr John Popp	ICOMC (Transition Metal Complexes)
096	Synthesis of a chiral cycloiridated complex: characterization and application in hydrogen transfer reaction	Mr Houguang Jeremy Chen	ICOMC (Transition Metal Complexes)
097	Synthesis of complexes with normal and abnormal protic N-Heterocyclic carbenes	Mr Hanpeng Jin	ICOMC (Transition Metal Complexes)
098	Hindered c - h bond arylations on furan rings	Dr Yu Yamane	ICOMC (Transition Metal Complexes)
099	Synthesis and reactions of titanium and zirconium naphthalene complexes supported by a tripodal tetradentate aryloxide ligand	Mr Yusuke Nakanishi	ICOMC (Transition Metal Complexes)
100	Optical, electrochemical, and morphological properties of poly(arylenevinylene) block copolymers synthesized by ring-opening metathesis polymerization	Miss Hsin-Yu Chiang	ICOMC (Transition Metal Complexes)
101	Reactivities of vinylrhodium(III) complexes derived from sequential vinylidene rearrangement and 1,1-insertion of silylalkynes	Mr Takayuki Nakamura	ICOMC (Transition Metal Complexes)
102	Functionalisation of octamethylferrocene by friedel- crafts acylation reactions	Dr Max Roemer	ICOMC (Transition Metal Complexes)
103	Cobalt, copper and zinc complexes with n-methyl-n-(pyridin-2-ylmethyl)aniline: Synthesis, structure and methyl methacrylate polymerisation	Miss Sujin Shin	ICOMC (Transition Metal Complexes)
104	Homo- and heterobimetallic complexes used as catalysts for a range of organic transformations	Dr Mark Gatus	ICOMC (Transition Metal Complexes)
105	Vinylidene rearrangement of internal alkynes at ir(III) complexes having a fluorine-substituted 2-pyridylphenyl ligand	Mr Seiji Akiyama	ICOMC (Transition Metal Complexes)
106	A convenient way to synthesize ortho-carborane functionalized phosphorescent iridium complexes for intracellular hypoxia imaging	Mr Xiang Li	ICOMC (Transition Metal Complexes)
107	Platinum complexes bearing normal and mesoionic N-Heterocyclic carbene based pincer ligands: syntheses, structures, and photo functional attributes	Prof Wen-Shu Hwang	ICOMC (Transition Metal Complexes)
108	Development of ligand type photoacid generators with the ability of changing its photosensitive wavelength by complex formation with metals	Ms Aki Tsukimura	ICOMC (Transition Metal Complexes)
109	Versatile and highly efficient Synthesis of dinuclear polyhydride complexes using 2-propanol/base method	Mr Ryuichi Shimogawa	ICOMC (Transition Metal Complexes)
110	Ruthenium complexes of naphthyl-substituted N-Heterocyclic carbenes	Mr Dirk Herrmann	ICOMC (Transition Metal Complexes)
111	Iridium pincer complexes as catalysts of amine-boranes dehydrogenation	Ms Elena Osipova	ICOMC (Transition Metal Complexes)
112	Functionalization and transfer of poly-pnictogen units	Mr Andreas Seitz	ICOMC (Transition Metal Complexes)
113	Development of a catalytic reaction via the oxidative cyclization of tetrafluoroethylene and unsaturated compounds with ni(0) as a key step	Mr Takuya Kawashima	ICOMC (Transition Metal Complexes)

114	Polyaroamtic-alkynoyl-gold(i)-phosphine complexes: Synthesis and spectroscopic properties	Ms Marta Glodek	ICOMC (Transition Metal Complexes)
115	Cu-catalyzed double cross-coupling reaction of bis(triorgano)silylarenes	Mr Takeshi Komiyama	ICOMC (Transition Metal Complexes)
116	The influence of ligand design on metal mediated p4 activation	Mr Fabian Spitzer	ICOMC (Transition Metal Complexes)
117	Poynuclear and polymeric complexes of 3d-metals and anions of substituted malonic acids: Synthesis, structure and properties	Dr Ekaterina Zorina-Tikhonova	ICOMC (Transition Metal Complexes)
118	Controlled self-organisation of networks based on {m(2,2':6',2''-terpyridine)2}2+-zipped co-block polymer nanocompartments	Ms Alexandra Wiesler	ICOMC (Transition Metal Complexes)
119	Atom-precise organometallic zinc clusters	Mr Hung Banh	ICOMC (Transition Metal Complexes)
120	Can contemporary DFT be used as a predictive tool in molecular catalysis? A computational/experimental case study for ruthenium-catalyzed olefin-hydrogenations.	Mr Kai Rohmann	ICOMC (Transition Metal Complexes)
121	Unique catalytic activity of amorphous nickel nanoparticles for reductive c-c bond formations	Mr Yohei Ueda	ICOMC (Transition Metal Complexes)
122	Organometallic half-sandwich transition metal carborate complexes	Mr Benedikt Schwarze	ICOMC (Transition Metal Complexes)
123	Gold(i)-alkynyl complexes with a new type n-donor heterocyclic ligand: Synthesis and photophysical properties.	Mrs Julia Shakirova	ICOMC (Transition Metal Complexes)
124	Disulfide bond Formation in osmabenzenes	Mr Terence Christy	ICOMC (Transition Metal Complexes)
125	Palladium N-Heterocyclic carbene nitrile complexes and their applications in the Synthesis of alkylnitriles	Miss Tanita Wierenga	ICOMC (Transition Metal Complexes)
126	Novel n-bound platinum complexes featuring proximal free N-Heterocyclic carbenes	Ms Mei Yi Leow	ICOMC (Transition Metal Complexes)
127	Design and Synthesis of a novel abnormal n-heterocyclic carbene complex	Mr Thomas Nicholls	ICOMC (Transition Metal Complexes)
128	Fused-ring iridabenzenes	Mr Benjamin Frogley	ICOMC (Transition Metal Complexes)
129	Electrocatalytic reduction of carbon dioxide by organo-transition metal complexes	Mrs Lida Ezzedinloo	ICOMC (Transition Metal Complexes)
130	Dipyridylpyrrolato anion analogues of terpyridine metal complexes	Mr James McPherson	ICOMC (Transition Metal Complexes)
131	A dixanthene scaffold for cooperative catalysis	Mr Matthew Mudge	ICOMC (Transition Metal Complexes)
132	Cyanoethynyl-substituted metallates for porous spin crossover networks	Dr Danny Muller	ICOMC (Transition Metal Complexes)
133	Synthesis and reactivity of an iron(II) 2-pyridyl amido complex	Miss Eunice Lok Yan Mau	ICOMC (Transition Metal Complexes)
134	Supramolecular assembly of multinuclear silver(i) complexes containing enediyne-functionalized acyclic and alicyclic ligands	Mr Dennis Yiu Sun Tam	ICOMC (Transition Metal Complexes)
135	Synthesis and structural characterization of low valent group 14 1,3-dimetallacyclobutanes	Mr Choi Tsz Hei	ICOMC (Transition Metal Complexes)
136	Tripodal inorganic pyridyl-phosphine ligands and unsymmetrical analogues: towards new applications in catalysis	Ms Schirin Hanf	ICOMC (Transition Metal Complexes)
137	Carbazole-based [1+1] schiff base macrocyclic complexes with tuneable reversible redox behaviour	Mr Stuart Malthus	ICOMC (Transition Metal Complexes)

138	Synthesis and reactivities of ncn pincer-type ruthenium complexes bearing protic pyrazole arms	Mr Tatsuro Toda	ICOMC (Transition Metal Complexes)
139	Synthesis and reactivity of base-stabilized silanone complexes	Prof Keiji Ueno	ICOMC (Transition Metal Complexes)
140	Synthesis of π -withdrawing boron-ligated transition metal complexes	Mr Souta Saitou	ICOMC (Transition Metal Complexes)
141	Post-functionalization of zinc-rich transition metal complexes	Ms Katharina Dilchert	ICOMC (Transition Metal Complexes)
142	Synthesis and characterization of organometallic chalcones functionalized with crown ethers fragment uses as cation sensors	Prof Fernando Goodoy	ICOMC (Transition Metal Complexes)
143	Synthesis, characterization, antitumor and thermal properties of a series of silver compounds assembled by $ag(i)$ salts and a macrocyclic ligand	Prof Zhen Ma	ICOMC (Transition Metal Complexes)
144	Bridging selenium junctions in dimetallapolycarbyls complexes	Mr Richard Manzano	ICOMC (Transition Metal Complexes)
145	New surface binding groups for molecular conductance studies	Mr Soeren Bock	ICOMC (Transition Metal Complexes)
146	Minimalistic ditopic ligands: α -donor substituted alkynes as versatile ligands	Miss Julia Rüger	ICOMC (Transition Metal Complexes)
147	Time-resolved and steady-state spectroscopic studies of organometallic chalcones	Miss Tamara Maldonado	ICOMC (Transition Metal Complexes)
148	Chemoselective suzuki coupling catalyzed by palladium-tethering macrocycle in aqueous media	Mr Shunya Mizuno	ICOMC (Transition Metal Complexes)
149	Synthesis, structure and dynamics of pincer-type macrocyclic ruthenium complexes	Mr Hiroki Sato	ICOMC (Transition Metal Complexes)
150	Chemical oxidation of anticancer active Platinum(II) organoamides and some new synthetic aspects	Mrs Ruchika Ojha	ICOMC (Transition Metal Complexes)
151	The chemical reactivity of indenyl-ruthenium acetylide complex containing 1-cyclohexenyl group at beta-carbon	Prof Hui-Ling Sung	ICOMC (Transition Metal Complexes)
152	Synthesis and reactivity of primary phosphine and phosphido ruthenium complexes	Mr Yong-Shen Han	ICOMC (Transition Metal Complexes)
153	Imidazo[1,5-a]pyridin-3-ylidenes as strong accepting ligands for transition-metal complexes	Mr Yuma Koto	ICOMC (Transition Metal Complexes)
154	Pincer complexes of the perimidenyliene and 2,1,3-benzosiladiazole based scaffolds	Miss Chenxi Ma	ICOMC (Transition Metal Complexes)
155	Controlled structures of vanadium(V) complexes with V-N multiple bond	Mr Takashi Sakuramoto	ICOMC (Transition Metal Complexes)
156	Tridentate 1,2,3-triazol-5-ylidene complexes of iron, nickel and copper	Prof Kouki Matsubara	ICOMC (Transition Metal Complexes)
157	Buchwald-hartwig amination of aryl halides catalyzed by Ni(I) complexes and studies on the reaction mechanism	Mr Takahiro Inatomi	ICOMC (Transition Metal Complexes)
158	New route for Synthesis of tungsten-oxo-alkylidene-N-Heterocyclic carbene complexes	Mr Tsz Fai Leung	ICOMC (Transition Metal Complexes)
159	Exploring bimetallic bridging modes with heteroatomic atoms	Mrs Kassetra von Nessi	ICOMC (Transition Metal Complexes)
160	Intramolecular hydroamination reaction with Pd-templated macrocycle catalysts	Dr Hiromitsu Sogawa	ICOMC (Transition Metal Complexes)
161	Sequential functionalisation of alkynes and alkenes catalysed by $au(i)$ - and $pd(ii)$ -nhc complexes	Mr Alberto Gómez Herrera	ICOMC (Transition Metal Complexes)

162	Highly selective Synthesis of siloxanes containing si-h bonds by au-catalyzed reaction of silanols with hydrosilanes	Dr Yasushi Satoh	ICOMC (Transition Metal Complexes)
297	Access to a metalloid tin cluster through reduction with a low-valent magnesium reducing agent	Ms Jessica Wiederkehr	ICOMC (Main Group)



Poster Number	Poster Title	Author Name	Theme of Presentation
272	Chiral copper and silver catalyzed asymmetric conjugate addition of 4-oxazoline and 4-thiazoline ester to nitroalkenes : stereodivergent Synthesis of α -amino lactam	Ms Yukiko Matsuda	ICOMC (Applications in Asymmetric Synthesis)
273	Asymmetric hydrogenation of 4-substituted quinazolinium salts with iridium dinuclear complexes bearing chiral diphosphin ligand	Mr Kosuke Higashida	ICOMC (Applications in Asymmetric Synthesis)
274	Pd(ii)-catalyzed C-H activation / dynamic kinetic resolution for Synthesis chiral biaryl phosphates	Mrs Yanna Ma	ICOMC (Applications in Asymmetric Synthesis)
163	Enantioselective cycloisomerization for the Synthesis of planar-chiral ferrocene derivatives using a chiral pt catalyst	Ms Ninna Uno	ICOMC (Applications in Asymmetric Synthesis)
164	Copper-catalyzed enantioselective boryl substitution of allyl amins	Mr Yuta Takenouchi	ICOMC (Applications in Asymmetric Synthesis)
165	Rhodium-Catalyzed Enantioselective Cyclizations of Enynes for Construction of a Chiral Quaternary Carbon Center	Mr Shuichi Masusaki	ICOMC (Applications in Asymmetric Synthesis)
166	Chiral silver complex-catalyzed asymmetric 1,4-conjugate addition of 1-pyrroline-5-carboxylate and 1-pyrroline-5-carbonitrile to α,β -unsaturated ketones	Mr Akihiro Koizumi	ICOMC (Applications in Asymmetric Synthesis)
167	Polymer monolith-supported Rh ₂ (S-tertPTTL) ₄ for continuous flow asymmetric cyclopropanations in capillary format	Dr Frady Gouany	ICOMC (Applications in Asymmetric Synthesis)
168	Enantioselective C-H arylation for P-chiral phosphine Synthesis	Prof Weiliang Duan	ICOMC (Applications in Asymmetric Synthesis)
169	Synthesis and copper-catalysis of single-handed helical polyquinoxaline bearing 2,2'-bipyridyl pendants	Ms Yukako Yoshinaga	ICOMC (Applications in Asymmetric Synthesis)
170	Study on copolymerization of ethylene and norbornene by non-metallocene catalysts	Dr Chuanfeng Li	ICOMC (Applications in Catalysis)
171	One-pot access to tryptanthrins via oxidative dimerization	Mr Tomoki Itoh	ICOMC (Applications in Catalysis)
172	Catalytic Synthesis of carbazole alkaloids using cu-complexes	A/Prof Takumi Abe	ICOMC (Applications in Catalysis)
173	Concise Synthesis of azafluorenone alkaloid, onychine and its application to indeno[1,2-c]isoquinolines	Dr Tominari Choshi	ICOMC (Applications in Catalysis)
174	One-pot Synthesis of carbazole-1,4-quinones through Pd-catalyzed cyclocarbonylation	Mr Takashi Nishiyama	ICOMC (Applications in Catalysis)
175	Triazolium-based N-Heterocyclic carbene transition metal complexes applied as paraffin oxidation catalysts	Mr Gift Mncube	ICOMC (Applications in Catalysis)
176	Mixed-ligated paddlewheel mo ₂ complexes as catalysts for radical addition reaction.	Mr Supriya Rej	ICOMC (Applications in Catalysis)

177	Radical addition and hydrodehalogenation reactions catalyzed by niobium and tantalum complexes bearing α -diimine ligand	Ms Haruka Nishiyama	ICOMC (Applications in Catalysis)
178	Palladium catalyzed direct amination of cage b(4)-h bond in o-carboranes	Ms Hairong LYU	ICOMC (Applications in Catalysis)
179	Oxidative coupling of primary amines to yield imines by a palladium (ii) p, n- phosphite complex	Mr Miguel Chacon Teran	ICOMC (Applications in Catalysis)
180	Oxidative cleavage of 1,2-cyclohexanediol and cyclohexanol catalyzed by a cu(ii) complex containing a pincer nhc tridentate	Mr Shih-Chieh Lin	ICOMC (Applications in Catalysis)
181	Gem-diaurated organic compounds in gold catalysis	Prof A. Stephen K. Hashmi	ICOMC (Applications in Catalysis)
182	Straightforward Synthesis of biarylphosphine derivatives via rh(iii)-catalyzed C-H bond functionalization	Mr Yuto Unoh	ICOMC (Applications in Catalysis)
183	Brønsted-acid catalysed transfer dehydrogenation of alcohols, amines and ethers by a lewis acidic carbocation centre	Mr Craig Fraser	ICOMC (Applications in Catalysis)
184	Palladacycle complexes with ferrocene-based phosphine sulphonate as potent catalyst in aqueous media	Mr Karel skoch	ICOMC (Applications in Catalysis)
185	Synthesis and application of Pyrrole-Based P-N-P pincer ir complexes as catalyst for dehydrogenation of alkane	Mr Shin Nakayama	ICOMC (Applications in Catalysis)
186	Iridium- catalyzed reaction of biphenylenes with alkenes initiated by c- c bond cleavage	Mr Hideaki Takano	ICOMC (Applications in Catalysis)
187	Pyrazole/pyrazolato bifunctionality on a ru-complex: Oxidant free dehydrogenation of amines to nitriles	Mr Indranil Dutta	ICOMC (Applications in Catalysis)
188	Mechanistic insight into mida boronate hydrolysis	Mr Jorge Gonzalez	ICOMC (Applications in Catalysis)
189	Ni(0)-catalyzed diastereoselective three-component coupling of aldehydes, alkenes, and hydrosilanes	Ms Yukari Hayashi	ICOMC (Applications in Catalysis)
190	Chemoselective cross-trimerization reaction of tetrafluoroethylene, ethylene, and aldehydes via a nickelacycle key intermediate	Mr Hiroshi Shirataki	ICOMC (Applications in Catalysis)
191	Continuous flow olefin metathesis in high shear dynamic thin films	Mr Scott Pye	ICOMC (Applications in Catalysis)
192	Rh-catalyzed ipso-borylation of aryl sulfides via c-s bond cleavage	Dr Yuta Uetake	ICOMC (Applications in Catalysis)
193	The efficient Synthesis of matairesinol via copper-catalyzed coupling	Ms Reina Hara	ICOMC (Applications in Catalysis)
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196	Asymmetric catalytic activities of chiral cobalt salen complexes encapsulated in mesoporous silica spheres; comparison of effectiveness between mechanical mixing and ultrasonic in hkr reactions.	Ms Yeh Won Lee	ICOMC (Applications in Catalysis)
197	Fabrication of hollow silica materials using eolites as cores and their application as supports for enantioselective reaction	Mr Huicheon Yang	ICOMC (Applications in Catalysis)
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199	Nickel-catalyzed hydrocarboxylation of alkynes and styrenes using sulfur-modified au-supported nickel nanoparticles catalyst	Mr Takahisa Taniguchi	ICOMC (Applications in Catalysis)
200	Synthesis and catalytic application of palladium complexes bearing coumarin-derived ligands	Prof Chi-Tien Chen	ICOMC (Applications in Catalysis)

201	Highly active iridium complexes as new catalysts in organic Synthesis	Miss Philippa Owens	ICOMC (Applications in Catalysis)
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203	Synthesis of novel polycyclic nitrogen-containing compounds via ruthenium-catalyzed one-pot metathesis / non-metathesis reaction	Mr Yuki Fujii	ICOMC (Applications in Catalysis)
204	Reactivity of the ni(dppf)(cod) complex	Dr Sonia Bajo	ICOMC (Applications in Catalysis)
205	Homogeneous methoxycarbonylation by palladium complexes containing pn ligands	Prof Pedro Aguirre	ICOMC (Applications in Catalysis)
206	Complexes of monohydride ru (ii) containing phosphorous-nitrogen ligands and their use as catalysts in transfer hydrogenation reaction of n-benzylideneaniline.	Prof Sergio A. Moya	ICOMC (Applications in Catalysis)
207	Catalysed hydroalkoxylation reactions using mono- and bimetallic rh(i) catalysts	Mr Raphael Lam	ICOMC (Applications in Catalysis)
208	Green suzuki cross coupling of 4-bromobenzyl-(1h)-tetrazole under atmospheric conditions	Mr Marco Seifried	ICOMC (Applications in Catalysis)
209	Synthesis and characterization of aluminum, titanium and zinc complexes bearing diamine-bis(benzotriazole phenolate) derivatives: efficient catalysts for ring-opening polymerization of ε-caprolactone	Dr Bao-Tsan Ko	ICOMC (Applications in Catalysis)
210	New bidentate P-chiral phosphorODiamidite,phosphine ligands for highly regio- and enantioselective hydroformylation of vinyl esters	Ms Katharina Holthusen	ICOMC (Applications in Catalysis)
211	Ruthenium catalyzed utilization of carbon dioxide as renewable C1-source for the methylation of amines	Ms Katharina Thenert	ICOMC (Applications in Catalysis)
212	Rare earth-catalyzed alkynyl exchange of secondary propargylamines with terminal alkynes	A/Prof Lixin Zhang	ICOMC (Applications in Catalysis)
213	Improvement in titanium complexes bearing schiff base ligands in the ring-opening polymerization of l-lactide: a dinuclear system with hydrazine-bridging schiff base ligands	Prof Hsuan-Ying Chen	ICOMC (Applications in Catalysis)
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216	White light-emitting polyfluorene prepared by catalyst-transfer polymerization with aryl palladium complexes as initiators	Dr Yanxiang Cheng	ICOMC (Applications in Catalysis)
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218	Palladium-catalyzed coupling of methyl ketones with alkynyl aryl ethers	Ms Mayu Yamada	ICOMC (Applications in Catalysis)
219	Palladium-catalyzed intramolecular hydroalkylation of alkynyl aryl ethers via aliphatic sp ³ c-h activation	Mr Yuta Noguchi	ICOMC (Applications in Catalysis)
220	Cu-catalyzed suzuki-miyaura type reaction of bromoalkyne for Synthesis of 2-allyloxy-1(arylethynyl)benzene	Mr Kohei Watanabe	ICOMC (Applications in Catalysis)
221	Palladium-catalyzed chromane annulation via double c-h activation of alkynyl aryl ethers with allyl pivalates	Miss Megumi Sakai	ICOMC (Applications in Catalysis)
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223	Arylboration of alkenes by cooperative nickel/copper catalysis	Mr Yasuhiro Ohtagaki	ICOMC(Applications in Catalysis)
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244	Gold complexes of novel N-Heterocyclic carbenes as anti-cancer agents targeting glucose transporters	Mr Weihao Zhao	ICOMC (Bio-Organometallic Chemistry)
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247	Synthesis, characterisation and reactivity of a bismuth radical	Mr Ryan Schwamm	ICOMC (Main Group)
248	One-pot Synthesis of functionalised and unfunctionalised 1,2-diphospholides, isoelectronic with the indenyl anion	Ms Lily Dixon	ICOMC (Main Group)

249	Ortho-functionalization of nitrogen-containing heterocycle by using unsymmetrical diborane(4) and isocyanide	Mr Yuhei Katsuma	ICOMC (Main Group)
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302	Salen-type iron complexes functionalised for attachment to support materials	Mr Ebrahim Kadwa	ICOMC (Materials and Precursors)
303	Structure and properties of n->sn-coordinated stannaoxidoborates containing a snb4o6 unit	Mr Filip Bures	ICOMC (Materials and Precursors)
304	Synthesis, characterization and nonlinear optical properties of organometallic ru (ii) dendrimers and the stabilization of gold nanoparticles in solution	Mr Cristóbal Quintana	ICOMC (Materials and Precursors)
305	Aerobic oxidation of arylmethanols catalyzed by a cerium(iv) complex with a pentadentate schiff-base ligand via a μ - η^2 ; η^2 -dioxygen-dicerium(iv) complex	Mr Satoru Shirase	ICOMC (Rare Earth Chemistry)
306	Rare-earth metal complexes stabilized by poly(phenolate) ligands as initiators in copolymerization of carbon dioxide and epoxides	Prof Yingming Yao	ICOMC (Rare Earth Chemistry)

307	Lanthanoid-calixarene bottlebrush clusters	Mr Rene Phe	ICOMC (Rare Earth Chemistry)
308	Synthesis and reactivity of rare earth complexes involving n,n'-diphenylformamidine ligand	Mr Mehdi Salehisaki	ICOMC (Rare Earth Chemistry)
309	Synthesis of rare-earth complexes involving pyrazoles ligands	Ms Nazli Eslamirad	ICOMC (Rare Earth Chemistry)
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311	Synthesis and characterisation of of lanthanoid-aluminium bimetallic complexes	Mr Md Elius Hossain	ICOMC (Rare Earth Chemistry)
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313	Study of rare earth modified functionalized alfe pillared clays in adsorption/desorption-catalytic combustion of chlorobenzene	A/Prof Shufeng Zuo	ICOMC (Rare Earth Chemistry)
314	Synthetic, physical and theoretical investigation of lanthanide-radical complexes	Dr Fabrizio Ortu	ICOMC (Rare Earth Chemistry)
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317	Synthesis and characterization of pyrrole based N-Heterocyclic chalcogenides and 8,8?-diquinoline dichalogenides	Mr Rajesh Deka	ICOMC (Rare Earth Chemistry)
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332	Reactions of a gallane(pyridyl)iron complex with unsaturated esters	Dr Takako Muraoka	ICOMC (Structure and Reactivity)
333	Bimetallic permethylpentalene complexes for catalysis	Dr Zoe Turner	ICOMC (Structure and Reactivity)