

Session	Lecture	Poster Date	Code	Name	Affiliation	Title
S04	Poster	August 2	S04-P01	Radhakrishna Latchupatula	Indian institute of technology bombay	1,2,3-Triazole Based Bisphosphines: Synthesis and Transition Metal Chemistry
S04	Poster	August 2	S04-P02	Madhusudan Kumar Pandey	IIT BOMBAY	Synthesis, Reactivity and Transition Metal Chemistry of Bulky Phosphines
S04	Poster	August 2	S04-P03	Harish Kunchur	Indian Institute of Technology Bombay, Mumbai-400076	Self-assembled Transition Metal Complexes of Acetylene Based Bisphosphine
S04	Poster	August 2	S04-P05	Daniel Knoll	KIT	Rigid Bitopic Ligands from [2.2]Paracyclophane for Heterometallic Complexes
S04	Poster	August 2	S04-P06	Wenbin Liang	Department of Systems Innovation, School of Engineering, The University of Tokyo	Synthesis of 1,3-Azaphospholes Based on Copper-Catalyzed [3+2] Cycloaddition Reactions of Phosphaalkynes
S04	Poster	August 2	S04-P07	Sayaka Oka	Nara Women's University	Selective Oxygenation of a Benzyl Ligand on Palladium Accelerated by Secondary Phosphine Oxides
S04	Poster	August 2	S04-P08	Struan Cummins	Victoria University of Wellington	Synthesis and Reactivity of Primary Aluminium Phosphanides
S07	Poster	August 2	S07-P01	Minglun Cheng	Dalian University of Technology	Diron Dithiolate hexacarbonyl Complexes for Electrocatalytic Reduction of CO <sub>2</sub> to CO
S07	Poster	August 2	S07-P02	Pilsoo Kim	Korea University	Photosensitization Behavior of Ir(III) Complexes in Selective Reduction of CO <sub>2</sub> by Re(I)-Complex-Anchored TiO <sub>2</sub> Hybrid Catalyst
S07	Poster	August 2	S07-P03	Hyun Wook Cha	Korea University	Development of a Lower Energy Photosensitizer for Photocatalytic CO <sub>2</sub> Reduction: Modification of Porphyrin Dye in Hybrid Catalyst System
S07	Poster	August 2	S07-P04	JaeHyun Park	Korea University	ZnP-MOFs Driven Dye-Sensitized Photocatalysis for CO <sub>2</sub> Reduction: Efficient Electron Transfer from MOFs to TiO <sub>2</sub> -Rel Reaction Center
S07	Poster	August 2	S07-P05	Md Ahsan Habib	Tohoku University	Electron reservoir improved pseudo-pincer type electrocatalytic abilities to CO <sub>2</sub> reduction
S07	Poster	August 2	S07-P06	Kazushi Aritani	Department of Applied Chemistry, Chuo University	Synthesis and Electrochemical Properties of Ruthenium Complexes Containing Non-innocent Indigo Derivatives
S07	Poster	August 2	S07-P07	Takayuki Onoda	Department of Materials and Life Science, Seikei University	Fixation of carbonate ion and photoreduction of carbon dioxide by copper complexes
S07	Poster	August 2	S07-P08	Ryutaro Kamata	Department of Chemistry, School of Science, Tokyo Institute of Technology	Photoelectrochemical CO <sub>2</sub> reduction using a Ru(II)-Re(I) metal complex polymers on a NiO electrode
S07	Poster	August 2	S07-P09	Hiroki Koizumi	Department of Chemistry, School of Science, Tokyo institute of Technology	CO <sub>2</sub> Capturing Abilities of Mn, Re, and W Complexes with a Deprotonated Triethanolamine Ligand
S07	Poster	August 2	S07-P10	Taiki Yatsu	Department of Chemistry, School of Science, Tokyo Institute of Technology	Electrocatalytic CO <sub>2</sub> Reduction with Low Overpotential Using a Ru(II)-Re(I) Binuclear Complex
S07	Poster	August 2	S07-P11	Daiki Saito	Department of Chemistry, School of Science, Tokyo Institute of Technology	Photochemical CO <sub>2</sub> Reduction Using a Ru-Re Dinuclear Photocatalyst Immobilized on Solid Surface
S07	Poster	August 2	S07-P12	Tatsuki Morimoto	Tokyo University of Technology	Photocatalytic CO <sub>2</sub> Reduction by Rhenium Complexes Capturing CO <sub>2</sub> Molecule
S07	Poster	August 2	S07-P13	Yukino Yoshida	Dept. of Material and Life Chemistry, Kanagawa University, Yokohama 221-8686, Japan	Synthesis and reactivities of a visible light-responsive ruthenium(II) complex with a hydride acceptor ligand
S07	Poster	August 2	S07-P14	Atsushi Ohtsuka	Graduate School of Science, Kitasato University	Photochemical CO <sub>2</sub> Reduction Catalyzed by Dinuclear Ruthenium Bipyridyl Complexes
S07	Poster	August 2	S07-P15	Chi-Fai Leung	The Education University of Hong Kong	Photocatalytic CO <sub>2</sub> -to-CO Conversion by a Copper(II) Quaterpyridine Complex
S07	Poster	August 2	S07-P16	Andrew Sadler	The University of Sheffield	Re(MesBIAN) tricarbonyl complexes: excited state dynamics and electrocatalytic CO <sub>2</sub> reduction
S10	Poster	August 2	S10-P01	Keiichi Katoh	Department of Chemistry, Graduate School of Science, Tohoku University, 6-3, Aramaki-Aza-Aoba, Aoba-ku, Sendai 980-8578, Japan	Spin relaxation phenomena of a crank-type tetranuclear dysprosium(III) phthalocyaninato quintuple-decker single-molecule magnet
S10	Poster	August 2	S10-P03	Itziar Oyarzabal	Centre de Recherche Paul Pascal (CRPP), France	Thermally Induced Electron Transfer in a Cyanide Bridged [Co <sub>2</sub> Fe <sub>2</sub> ] Square Complex: a Two-Step Transition
S10	Poster	August 2	S10-P04	Tetsu Sato	Department of Chemistry, Graduate School of Science, Tohoku University, Japan	Characterization and investigation of the magnetic properties of a dysprosium(III) heteroleptic triple-decker complex
S10	Poster	August 2	S10-P05	Michal Liberka	Faculty of Chemistry, Jagiellonian University	Investigation of magnetic properties in eicosanuclear clusters
S10	Poster	August 2	S10-P06	Andrea Moneo Corcuera	Institute of Chemical Research of Catalonia (ICIQ)	SPIN CROSSOVER (SCO) MATERIALS: THERMAL HYSTERESIS IN SOLID DILUTIONS OF A POLYANIONIC IRON(II) TRIMER
S10	Poster	August 2	S10-P07	Yusuke Kataoka	Shimane University	Electronic Structures and Magnetic Properties of Paddlewheel-type Diruthenium(III,III) Complexes with Benzamidate Ligands
S10	Poster	August 2	S10-P08	Shu Liu	CCME A824	Layered perovskites of [CH <sub>3</sub> C(NH <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> [Co/Ni(HCOO) <sub>4</sub> ]
S12	Poster	August 2	S12-P01	Takeshi Shimizu	School of Science and Technology, Kwansei Gakuin University	Battery Performances of Metal Organic Frameworks Including Disulfide Ligands
S12	Poster	August 2	S12-P02	Amelie Bordage	ICMMO	Alkali cations and photoswitchable Prussian Blue Analogs : A multi-edges X-ray absorption spectroscopy study
S12	Poster	August 2	S12-P03	Giulia Fornasieri	Universite Paris-Saclay	Ionic-containing mesoporous silica monoliths: tailor made nanoreactors for the design of nanoparticles for advanced applications
S15	Poster	August 2	S15-P01	Rong-Jia Wei	University of Tsukuba	Multi-Response Bistability in Chiral Metal Complexes
S15	Poster	August 2	S15-P02	Ryo Saiki	Graduate School of Pure and Applied Sciences, University of Tsukuba	Electronic state conversions of iron complexes with Bronsted acid and base
S15	Poster	August 2	S15-P03	Dominik Natke	Leibniz Universitat Hannover	Control of Electron Transition in a Cyanide-Bridged [Co <sub>2</sub> Fe <sub>2</sub> ] Square Complex by a Bifunctional Hydrogen Donor
S15	Poster	August 2	S15-P04	Hagino Morita	Yamaguchi University	Structure and dielectric property of hydrogen bonding crystals of hexamethylenetetramine
S15	Poster	August 2	S15-P05	Misaki Shiga	Graduate School of Sciences and Technology for Innovation, Yamaguchi University	Chemo-chromic behavior of host-guest process of methanol chelated in dabco-based two-dimensional network
S18	Poster	August 2	S18-P01	Hiroto Nishihara	Tohoku University	Direct conversion of porphyrin crystals into ordered carbonaceous frameworks
S18	Poster	August 2	S18-P02	Amanullah Sk	Indian Association for the Cultivation of Science	Understanding Nature's Choice of Macrocyclic Porphyrinoids for Low Valent Chemistry
S18	Poster	August 2	S18-P03	Shin-ichi Ozaki	Yamaguchi University	Heme transport and metabolism in pathogenic bacteria
S18	Poster	August 2	S18-P04	Yoshihiro Matano	Niigata University	Synthesis and Redox Properties of Metal Complexes of 5,10,15,20-Tetraaryl-5,15-diazaporphyrins
S18	Poster	August 2	S18-P05	Haruka Hosoda	Shimane University	Spectroscopic and magnetic properties of meso-meso singly linked iron(III) porphyrin dimers
S18	Poster	August 2	S18-P06	Keigo Tashiro	Yamaguchi university	Photocatalytic activity of one-dimensional ZnTPyP nanostructures constructed by surfactant-assisted method
S18	Poster	August 2	S18-P07	Ning Xu	Kyushu University	A practical synthesis of meso-tetraarylsubstituted porphyrines: homo- and hetero-oxidative macrocyclizations of (E/Z)-mixture of 5,6-diaryldipyrroethenes
S18	Poster	August 2	S18-P08	Haruya Suzuki	Department of Chemistry and Biotechnology, School of Engineering, The University of Tokyo	Synthesis of Sn(II) Phthalocyanine
S18	Poster	August 2	S18-P09	Michał Bialek	Department of Chemistry, University of Wrocław	Aromaticity switching through peculiar coordination-induced azulene transformations
S20	Poster	August 2	S20-P01	Nutchanikan Phromphu	Kasetsart University	Complexation of Palladium (II) with 4-(2'-thiazolylazo)-3-aminoanisole (o-amino TAA) and Its Application on Pepsin and Papain Inhibition Studies
S20	Poster	August 2	S20-P02	Reo Kawano	Laboratory for Chemistry and Life Science, Tokyo Institute of Technology	Synthesis and effect of bridging ligand on ruthenium dinuclear organometallic molecular wires with acene linker
S20	Poster	August 2	S20-P05	Takayuki Abe	Tokyo University of Science	Synthesis and properties of Fe-Mo dithiolene complexes



S20	Poster	August 2	S20-P07	Yuki Kadoya	Doshisha University	Mechanism and High DNA Cleavage Activity of Dicopper Complexes toward Development of Anti-Cancer Drugs
S20	Poster	August 2	S20-P08	Hideaki Murasugi	Tohoku university	Synthesis and Properties of Organic-Inorganic Hybrid gold halide Perovskites
S20	Poster	August 2	S20-P09	Mitsuki Yamashita	Tokyo Institute of Technology, School of Materials and Chemical Technology	Synthesis and Structures of Bis-carotene Metal Chain Clusters
S20	Poster	August 2	S20-P10	Andrey Usoltsev	Nikolaev Institute of Inorganic Chemistry	Halide complexes of tellurium and bismuth: synthesis, structural features and physical properties
S20	Poster	August 2	S20-P11	Yuji Koga	Dep. Chem., Fukuoka Univ.	Synthesis and Luminescence of Cyclometalated Platinum(II) Complexes with 1,2,3-Triazole Carbene
S20	Poster	August 2	S20-P12	Yuya Maekawa	Doshisha University	Synthesis of dicopper complex with cyclic amine modified amide type ligand: DNA cleavage and anticancer activity
S20	Poster	August 2	S20-P13	Hiroto Takahashi	Doshisha University	Electronic Effect on Direct Oxidation of Benzene to Phenol with H <sub>2</sub> O <sub>2</sub> Catalyzed by Dicopper Complexes
S20	Poster	August 2	S20-P14	Daichi Kamimura	Doshisha University	Development of Metal Complex Catalyst Supported on Porous Material toward Methane Oxidation
S20	Poster	August 2	S20-P15	Yusuke Hiruma	Department of Applied Chemistry, Chuo University	Protonic Memristor Behavior on Two Terminal Devices Incorporated with Ru Complexes Having Potential and Proton Gradients
S20	Poster	August 2	S20-P16	Daniel Kovacs	Uppsala University	Brightly luminescent lanthanide complexes for selective labelling of biomolecules
S20	Poster	August 2	S20-P17	Takayuki Abe	Tokyo University of Science	Synthesis and properties of Fe-Mo dithiolene complexes
S24	Poster	August 2	S24-P01	Masahiko Inamo	Department of Chemistry, Aichi University of Education	Photoinduced Electron Transfer Reaction of Zn(II) Porphyrin Dyad Studied Using Transient Absorption Spectroscopy
S24	Poster	August 2	S24-P02	Jian-Yu Chen	Department of chemistry, Fu Jen Catholic University, New Taipei City, ROC Taiwan	Probes of Photophysical Behaviors of [Ru(bpy) <sub>2</sub> (pypz-Ru(NH <sub>3</sub> ) <sub>5</sub> )] <sup>4+</sup>
S24	Poster	August 2	S24-P03	Abdallah Yakubu	Okayama University	Syntheses, crystal structures and spectroscopic studies of hydrazonato-bridged Nd(III)-Nd(III) and Eu(III)-Eu(III) dithiocarbamate dinuclear complexes
S24	Poster	August 2	S24-P04	Teresa Aviles	LAQV, REQUIMTE, Departamento de Quimica, Faculdade de Ciencias e Tecnologia, Universidade Nova de Lisboa, 2829-516 Caparica	Synthesis, photochemical characterization and crystal structure of new dinuclear copper(I) complexes bearing Ar-BIAN ligands functionalized by NO <sub>2</sub> group
S24	Poster	August 2	S24-P05	Mitsuhiro Iwasaki	Graduate School of Environmental Science, Hokkaido University	Perturbation effects of non-bonding interactions in coordinated Au <sub>8</sub> cluster
S24	Poster	August 2	S24-P06	Francesco Nastasi	University of Messina	New metal complexes based on PDI bridge: Synthesis and Photophysical properties
S24	Poster	August 2	S24-P07	Hiroki Miura	Graduate School of Science, Kyushu University	Guest-Responsive Luminescent Coordination Polymers Using Nitridotetracyano Re(V) Building Unit
S24	Poster	August 2	S24-P08	Ching Man Yau	Kyushu University	Regulation of Guest Responsive Luminescence of Tetracyano Re(V) Complexes via Axial Co-Ligands
S24	Poster	August 2	S24-P09	Friedrich Steuber	School of Chemistry and CRANN, Trinity College Dublin	Cu(I) Photosensitizers as Linkers in Metal-Organic Frameworks
S24	Poster	August 2	S24-P10	Yuko Sato	Graduate School of Science, Kyushu University	Luminescent Coordination Polymers Incorporated with Boron-Complex as Co-Ligand
S24	Poster	August 2	S24-P11	Yasuomi Yamazaki	School of Science, Tokyo Institute of Technology	Synthesis and Light-Harvesting Ability of Novel Hetero Ring-Shaped Multinuclear Re(I) Complexes
S24	Poster	August 2	S24-P12	Hajime Shinomiya	Department of Chemistry, Graduate School of Science, Toho University	Tuning of the thermal relaxation of azobenzene derivatives
S24	Poster	August 2	S24-P13	Chihiro Kachi-Terajima	Department of Chemistry, Faculty of Science, Toho University	Amplified lanthanide luminescence by the component exchange reaction based on reversible covalent bond
S24	Poster	August 2	S24-P14	Yuuma Yamaguchi	Department of Material Science, University of Hyogo	Pressure-induced chromic and structural response of Ag(I)-Au(I) mixed-metal complexes
S24	Poster	August 2	S24-P15	Nestor Novoa	Facultad de Ciencias Quimica, Universidad de Concepcion	New Heterobimetallic complexes based on double-decker metalloporphyrin architectures with potential applications in second order non-linear optics and molecular rotors
S24	Poster	August 2	S24-P16	Benjamin Dietzek	Leibniz Institute of Photonic Technology	Supramolecular Photocatalysis - Tracing Ultrafast Photoinduced Processes in Various Oxidation States of the Catalyst
S24	Poster	August 2	S24-P17	Tao Zhang	Frontier Institute of Science and Technology (FIST), Xi'an Jiaotong University	Successful in situ cooperation of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> into a 3D anionic SnSe framework
S28	Poster	August 2	S28-P01	Toru Saito	Hiroshima City University	Transition State Search Using rPM6 Method: Applications to Oxidation Reactions Catalyzed by Transition Metal Complexes
S28	Poster	August 2	S28-P02	Dandan Chen	Department of Chemistry, Xiamen University	Reaction Mechanism of Iron(III) Catalyzed Carbonyl-Olefin Metathesis: A Computational Study
S28	Poster	August 2	S28-P03	Qin Zhu	Xiamen University	[3+2] Cycloaddition Reactions of Azides with Metal-carbyne Complexes: A Theoretical Study
S28	Poster	August 2	S28-P04	Yu Takano	Graduate School of Information Sciences, Hiroshima City University	Statistical and quantum-chemical analysis of the effect of heme porphyrin distortion in heme proteins
S28	Poster	August 2	S28-P05	Yuki Tsutsumi	Department of Advanced Materials Science, Faculty of Engineering, Kagawa University	Change of the electronic structure of tetra-coordinated metal complex by molecular distortion
S28	Poster	August 2	S28-P06	Daniel Aravena	Universidad de Santiago de Chile	Tuning spectroscopic and chemical properties of CuIn <sub>4</sub> complexes: a combined experimental and computational study
S28	Poster	August 2	S28-P07	Iori Era	Osaka University	Theoretical study of the relationship between ionization potentials and hydrogen bonds in 2Fe-S ferredoxin
S28	Poster	August 2	S28-P08	Hayato Tada	Osaka University	Theoretical study on single-molecular electron conductivity of paddlewheel-type acetate-bridged binuclear complexes
S28	Poster	August 2	S28-P09	Shogo Aoki	Department of Materials Engineering Science, Graduate School of Engineering Science, Osaka University	Theoretical study of metal ion effect on electronic structures and optical properties of bis(dipyrinato) complexes
S28	Poster	August 2	S28-P10	Po-Jung Huang	Institute for Materials Research, Tohoku University	Experimental and Theoretical Studies on Frontier Orbitals of Carboxylate-bridged dichromium(II,II) complexes
S28	Poster	August 2	S28-P11	Masaya Yamasaki	Department of Advanced Materials Science, Faculty of Engineering, Kagawa University	Prediction of superatom by molecular orbital method
S28	Poster	August 2	S28-P12	Koki Soeda	University of Tsukuba	Analysis of metal-metal bonds in Ag(I) ions complexes by density functional theory
S28	Poster	August 2	S28-P13	Muzzaffar Bhat	Islamic University of Science and Technology	1-(chlorophenyl)-4-(3-phenylseleno propyl) piperazine (L1); Synthesis, spectroscopic characterization, DFT studies, biological activity and its reactivity towards group 12 metal chlorides.
S28	Poster	August 2	S28-P14	Koichi Miyagawa	Osaka University	UNO-DMRG calculations of effective exchange integrals for binuclear manganese complexes
S28	Poster	August 2	S28-P15	Takeyoshi Oguma	Department of Advanced Materials Science, Faculty of Engineering, Kagawa University, Japan	Controlling of the spin crossover by Jahn-Teller distortion in octahedral hexa-coordinate complex.
S29	Poster	August 2	S29-P01	Hayato Anetai	Tohoku Univ.	Ferroelectric Non pi-planar Helicene Derivatives bearing Alkylamide-Chains
S29	Poster	August 2	S29-P02	Genta Kawaguchi	Institute for Molecular Science	Organic superconducting FET near Mott boundary
S29	Poster	August 2	S29-P03	Yuki Shirakawa	Hokkaido University	Crystal Structure and Physical Properties of [Ni(dmit) <sub>2</sub> ] Salts of Supramolecular Cations with dibenzo[24]crown-8



S29	Poster	August 2	S29-P04	Jiabing Wu	Graduate School of Environmental Science, Hokkaido University	Benzo[18]crown-6 Based Supramolecular Cations in Ferromagnetic Salts [MnCr(oxalate) <sub>3</sub> ]
S29	Poster	August 2	S29-P05	Maho Sugitani	Kobe University	Synthesis and properties of novel aromatic N-heterocycle-substituted electron acceptor ligands and their complexes
S29	Poster	August 2	S29-P06	Aoba Kanesaka	Graduate School of Science and Engineering, Ibaraki University	Electronic structure of paramagnetic TTF-metal complex [CuII(EDT-sae-TTF) <sub>2</sub> ]
S29	Poster	August 2	S29-P07	Yohji Misaki	Department of Applied Chemistry, Graduate School of Science and Engineering, Ehime University	Synthesis, structure, and properties of cobalt complexes based on pyridine ligand with DT-TTF
S35	Poster	August 2	S35-P01	Felix Rizzuto	University of Cambridge	Allosteric interactions in coordination cages
S35	Poster	August 2	S35-P03	Toya Kobayashi	Department of Chemistry, Faculty of Science, Shizuoka University	New Porous Coordination Polymer that has Negative Charges in the Channel Surface
S35	Poster	August 2	S35-P04	Ryo Narukawa	Department of Chemistry, Faculty of Science, Shizuoka University	M2L4 and M2L2 cages constructed by bis-imidazole ligands with bulky substituent
S35	Poster	August 2	S35-P05	Saki Shimizu	Department of Chemistry, Faculty of Science, Shizuoka University	Synthesis and structure of coordination polymer with urea units in the channel framework
S35	Poster	August 2	S35-P06	Yuna Suzuki	Department of Chemistry, Faculty of Science, Shizuoka University	Syntheses and structures of the multi-nuclear metal complexes by tetrakis-imidazole ligand
S35	Poster	August 2	S35-P07	Saki Fukunaga	Department of Chemistry, Faculty of Science, Shizuoka University	Syntheses of M2L4 complexes with crown ethers for trapping the anion and cation
S35	Poster	August 2	S35-P08	Yasukazu Hirao	Department of Chemistry, Graduate School of Science, Osaka University	Novel Proton-Responsive Ligands Based on Hydroxypyridine-Pyridone Tautomerization
S35	Poster	August 2	S35-P09	Ryu Gonda	Graduate School of Engineering and Science, Shibaura Institute of Technology	Enhanced recognition of guest molecules in metal complexes induced by ligand fluorination
S35	Poster	August 2	S35-P10	Takumi Kusakawa	Graduate School of Engineering and Science, Shibaura Institute of Technology	Structures and properties of naphthyl substituted ligands and their copper(II) complexes
S35	Poster	August 2	S35-P11	Hajime Kamebuchi	Department of Chemistry, Faculty of Science, Tokyo University of Science	Development of Tunable Red-to-Green Emitting Transparent Film with Dinuclear Eu/Tb Complexes via pH and Proton Flow in Nafion
S35	Poster	August 2	S35-P12	Hiroki Nakada	Osaka City University	Dynamic Switching of Molecular Assembly: Mononuclear/Hexanuclear Interconversion of Zn(II) Complex
S35	Poster	August 2	S35-P13	Masahiro Kouno	Osaka University	Isostructural octahedral nickel(II/III/IV) centers in S-bridge RhIII/NiRhIII trinuclear structures
S35	Poster	August 2	S35-P14	Tatsuhiko Kojima	Osaka University	Formation of Optically Pure Crystals from a Meso-type Gold(I) Metalloligand with D- and L- penicillamine
S35	Poster	August 2	S35-P15	Ryce Pratikha	Osaka University	An Acidic Crystal of Au <sub>4</sub> Ni <sub>12</sub> Hexanuclear Complex that Shows Reversible Ammonia Adsorption/Desorption in an SCSC Manner
S35	Poster	August 2	S35-P16	Supattra Somsri	Osaka University	Crystal porosities of metallosupramolecular structures controlled via pH
S35	Poster	August 2	S35-P17	Yosuke Fukuda	Osaka University	S-bridged RhIII/AgI multinuclear formed from a mononuclear RhIII metalloligand with L-cysteinate
S35	Poster	August 2	S35-P18	Kai Yoshikawa	Department of Applied Chemistry, Chuo University	Synthesis and Electrochemical Properties of Ruthenium Complexes Bearing Tridentate Benzimidazolequinone Derivates
S35	Poster	August 2	S35-P19	Rapheepreaw Sodkhomkhum	Osaka University	Adsorption of transition metal ions in L-cysteinato RhIII <sub>4</sub> ZnII <sub>4</sub> octanuclear complex crystals
S35	Poster	August 2	S35-P20	Narimi Fujii	Okayama University of Science	Epoxidation of olefins with titanium complex of fluorochlorin as catalyst
S35	Poster	August 2	S35-P21	Sasikarn Hanprasit	Osaka University	Independent crystallization of three stereoisomers of an Au <sub>4</sub> CoII <sub>2</sub> hexanuclear complex with mixed penicillamine and bis(diphenylphosphino)ethane
S35	Poster	August 2	S35-P22	Rina Ogawa	Okayama university	Structural characterization and racemization of transition-metal complexes bearing a Stiff base ligand derived from L-histidine methyl ester
S35	Poster	August 2	S35-P23	Ridwan Pratama Putra	Shibaura Institute of Technology	Supramolecular assembly of hybrid structures composed of 4,4'-bipyridine and auric acid
S35	Poster	August 2	S35-P24	Michal Terlecki	Faculty of Chemistry, Warsaw University of Technology	Hydrogen-bonded organic frameworks derived by the CO <sub>2</sub> fixation
S38	Poster	August 2	S38-P01	Matthew Mudge	University of New South Wales	Xanthene/Dixanthene Ligands for Catalysis
S38	Poster	August 2	S38-P02	Eszter Fazekas	University of Edinburgh	Phenoxyaldimine and Anilido-aldimine Complexes in Polymerisation Catalysis
S38	Poster	August 2	S38-P03	Thomas Williams	University of Oxford	Group 4 Permethylindenyl Constrained Geometry Complexes for Ethylene Polymerisation
S38	Poster	August 2	S38-P04	Jessica Lamb	University of Oxford	Asymmetric Group 4 Metallocenes as Polymerisation Catalysts
S38	Poster	August 2	S38-P05	Arron Deacy	University of Oxford	Highly Active Magnesium-cobalt catalyst for the ROCOP of CO <sub>2</sub> -CHO
S38	Poster	August 2	S38-P06	Callum Woof	Department of Chemistry, University of Bath, Claverton Down, Bath, BA2 7AY	Iron-Catalysed Isomerisation of Alkenes - Examining Reactivity & Mechanism through Synthesis, Spectroscopy & Density Functional Theory
S38	Poster	August 2	S38-P07	Mong Liang	National Chia-Yi University	Synthesis of magnetic bimetallic catalyst and its application in cross-coupling reactions
S38	Poster	August 2	S38-P08	Yuto Shimoyama	Tsukuba Research Center for Energy Materials Science (TREMS), University of Tsukuba, 1-1-1 Tennodai, Tsukuba 305-8573	The Mechanistic study of Cross Dehydrogenative Coupling (CDC) Reaction: Role of Ag Salts in CDC
S38	Poster	August 2	S38-P09	Toshiyuki Oshiki	Okayama University	Molecular Structures of Monomeric Tungsten Complexes as a Precatalyst for Olefin Metathesis
S38	Poster	August 2	S38-P10	Gon-Ann Lee	Fu Jen Catholic University, No.510, Zhongzheng Rd., Xinzhuang Dist., New Taipei City 24205, Taiwan (R.O.C.)	Study of exo- and endo-2-Bromo-4-Chloro-8-Oxatricyclo[3.2.1.0 <sup>2,4</sup> ]octa-6-ene with Diiron Nonacarbonyl
S38	Poster	August 2	S38-P11	Andreea Enachi	TU Braunschweig	Trigonal NHC-Co(II) Dialkyl Complexes for Olefin Hydrogenation
S38	Poster	August 2	S38-P12	Takahiro Inatomi	Fukuoka University	Isolation of Two-coordinated Monomeric Nickel(I) Amide Intermediates in catalytic amination
S38	Poster	August 2	S38-P13	Andreas Rosen	Institut für Technische und Makromolekulare Chemie (ITMC), RWTH Aachen University, Worringerweg 1 52074 Aachen (Germany)	Immobilized Ruthenium-Phosphine Catalysts for the Hydrogenation of Amides
S38	Poster	August 2	S38-P14	Juanita van Wyk	University of the Witwatersrand	Palladium(II) complexes derived from pyridyl-imine ligands as catalyst precursors for olefin oligomerization and polymerization in ionic liquids.
S38	Poster	August 2	S38-P15	Chi-Tien Chen	National Chung Hsing University	Synthesis, Characterization and Catalytic Application of Ruthenium Complexes Containing Anilido-Pyridinyl-(Imidazole/Benzimidazole) Ligands
S38	Poster	August 2	S38-P16	Keiji Ohno	Department of Chemistry, Graduate School of Science and Engineering, Saitama University	Nickel/Aluminum Transmetalations: Formation of Di- and tetranuclear Al(III) Complexes from Azophenines-Bridged Dinuclear Ni(II) Complexes
S38	Poster	August 2	S38-P17	Hsuan-Ying Chen	Department of Medicinal and Applied Chemistry	Enhanced Catalytic Activity of Aluminum Complexes during the Ring-Opening Polymerization of ε-Caprolactone
S38	Poster	August 2	S38-P18	Shaojie Lou	RIKEN	Scandium-Catalyzed Dearomatic Annulation of Aryl Quinolines with Alkynes via C-H Activation
S39	Poster	August 2	S39-P01	Kouki Fuchigami	Osaka Prefecture University	Pore-size-adjustable MOF nanosheets assembled at air/liquid interfaces
S39	Poster	August 2	S39-P02	Takashi Ohata	Graduate School of Engineering, Osaka Prefecture University	Electronic functional MOF nanosheet crystals varied by orientation and morphology
S39	Poster	August 2	S39-P04	Linh Trinh	LCI - ICMMO - University Paris-sud 11, 91405 Orsay Cedex, FRANCE	Switchable Core-Shell Nanosensors
S39	Poster	August 2	S39-P06	Xuan Huy Do	KIST School, Korea University of Science and Technology	Introduction of various functional groups onto ZIF-8 and its I <sub>2</sub> adsorption capacity



S39	Poster	August 2	S39-P07	Ngoc Minh Tran	Department of Chemistry, Hallym University, Republic of Korea	Fabrication of zinc-based coordination polymer nanocubes and post-modification through copper decoration
S42	Poster	August 2	S42-P01	Amit Adhikary	National Postdoc Fellow, IACS, India	UNUSUAL ATMOSPHERIC WATER CAPTURE AND REVERSIBLE STRUCTURAL TRANSFORMATION OF NaGaS <sub>2</sub>
S42	Poster	August 2	S42-P02	Jae Hwa Lee	Ulsan National Institute of Science and Technology (UNIST)	Single-Crystal-to-Single-Crystal Transformation of a Coordination Polymer by [2+2] Photodimerization Assisted by a Coexisting Flexible Ligand
S42	Poster	August 2	S42-P03	Seiya Miyata	Department of Applied Chemistry, Faculty of Science and Engineering, Kindai University	Crystalline-state photochromism of a rhodium dithionite complex in chiral crystals
S42	Poster	August 2	S42-P04	Takuya Sakagami	Department of Material Science, University of Hyogo	Luminescence mechano-, thermo-, and solvato-chromism with crystalline-amorphous-crystalline transformation of cubane-type idido-silver(I) complex
S42	Poster	August 2	S42-P06	Chih-Chieh Wang	Department of Chemistry, Soochow University	Solvent-Exchange Crystalline-to-Crystalline Structural Transformation between Two Coordination Polymers with 3D Doubly-interpenetrating Frameworks
S44	Poster	August 2	S44-P01	Yoji Horii	Research Center for Structural Thermodynamics, Graduate School of Science, Osaka University	Magnetic dilution effects in the slow magnetic relaxation of a phthalocyaninato-Gd(III) triple-decker complex
S44	Poster	August 2	S44-P02	Iurii Galadzhun	University of Leeds, School of Chemistry	Spin-Crossover Mesogens from [Fe(bpp) <sub>2</sub> ] <sup>2+</sup> (bpp = 2,6-dipyrazolylpyridine)
S44	Poster	August 2	S44-P04	Hector Fraser	University of Edinburgh	Order in disorder: solution and solid-state studies of [MIII <sub>2</sub> MII <sub>5</sub> ] wheels
S44	Poster	August 2	S44-P05	Miho Tsuji	Kyushu university	Control of Spin Transition Behavior by Regulating Arrangement of Open-Metal-Sites in Hofmann-type MOFs
S44	Poster	August 2	S44-P06	Hirumu Matsunari	Kumamoto University	Thermal expansion behavior of Hofmann-type cyano-bridged two-dimensional complexes
S44	Poster	August 2	S44-P07	Haruka Miyamoto	Graduate School of Pure and Applied Sciences, University of Tsukuba, Japan	A redox-active tricyano iron(II) complex with 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine as a building block for coordination polymers
S44	Poster	August 2	S44-P08	Mariam Al-Azzani	Sultan Qaboos University	Rare Spin Crossover Features within the Family of Iron(III) Salicylaldimines
S44	Poster	August 2	S44-P09	Pragya Shukla	IITBombay	Synthesis of Zn(II)-Dy(III)-Zn(II) trinuclear complexes with different counter anion to investigate the effect on effective energy barrier
S44	Poster	August 2	S44-P10	Sharon Lazaro	Walailak University	Morphology and magnetic properties of iron(III) spin crossover nanomaterials
S44	Poster	August 2	S44-P11	Warisa Thammasangwan	Walailak University	MONOMERIC IRON(III) SPIN CROSSOVER COMPLEXES
S44	Poster	August 2	S44-P12	Peeranuch Pongsrirong	Walailak University	Self-assembled Iron(III) Spin crossover materials and films
S44	Poster	August 2	S44-P13	Leena Mandal	TOHOKU UNIVERSITY	Anion dependent structures and magnetic properties of two dinuclear Tb complexes
S44	Poster	August 2	S44-P14	Fumiya Kobayashi	Department of Chemistry, Graduate School of Science and Technology, Kumamoto University	Solvent-Induced Spin State Switching in Iron(III) Complex
S44	Poster	August 2	S44-P15	Jedrzej Kobylarczyk	Jagiellonian University	Thermally induced spin transition in pentadecanuclear clusters
S44	Poster	August 2	S44-P16	Benjamin Wilson	School of Chemical and Physical Sciences, University of Canterbury	Single Molecule Magnetic Behavior of a Metallo-Supramolecular Catenane
S44	Poster	August 2	S44-P17	Junqiu Li	Institute for Materials Chemistry and Engineering, Kyushu University	Light Induced Electron Transfer in a Cyanide bridged V Type Trinuclear (Fe <sub>2</sub> Co) Complex
S44	Poster	August 2	S44-P18	Zhao-Yang Li	Nankai University	Switching of structures and modulation of magnetic properties of molecular materials via controlled coordination-driven self-assembly
S44	Poster	August 2	S44-P19	Atsuhiko Miyawaki	Kobe university	Substituent Effect on the Neutral Heteroleptic Iron(III) Complex with N3O3 Coordination Sphere
S44	Poster	August 2	S44-P20	Haruka Yoshino	Graduate School of Science, Kyushu University	Multiple Spin State in a Hofmann-type Porous Coordination Polymer Confined Alkane Molecules
S44	Poster	August 2	S44-P21	Takashi Kawakami	RIKEN AICS	Relative stability between the manganese hydroxide- and oxo-models for water oxidation by CCSD, DMRG CASCI, CASSCF, CASPT2 and CASDFT methods; Importance of static and dynamical electron correlation effects for OEC of PSII
S44	Poster	August 2	S44-P22	Shintaro Kawabata	Department of Chemistry, School of Science, The University of Tokyo	[NbIV(CN) <sub>8</sub> ]-based cyanido-bridged compounds exhibiting two-step spincrossover and magnetic phase transition
S44	Poster	August 2	S44-P23	Takumi Nakanishi	Kyushu University	Development of new spin crossover iron(II) complex with intermolecular short hydrogen bond via organic acids
S44	Poster	August 2	S44-P24	Naoki Yoshioka	Department of Applied Chemistry, Faculty of Science and Technology, Keio University	Synthesis and Physicochemical Properties of Schiff Base Nitride Chromium(V) Modified with Hydroxyacetophenone
S44	Poster	August 2	S44-P25	Robbie McNab	The University of Edinburgh	Doping and Probing: Strategies for Reducing Quantum Tunneling of Magnetisation
S44	Poster	August 2	S44-P26	Johannes Weihermuller	University of Bayreuth	Studies on iron(II) spin crossover complexes with long alkyl chains: Magnetic properties and phase transition behaviour
S44	Poster	August 2	S44-P27	Akio Mishima	Nagoya University	Enhancement of Guest-Responsivity by Mesocrystallization of Magnetically Bistable Porous Coordination Polymers
S44	Poster	August 2	S44-P28	Hannah Kurz	University Bayreuth	Synthesis and optical properties of phenanthroline-derived schiff base-like dinuclear Ru(II)-Ni(II) complexes
S48	Poster	August 2	S49-P01	Shinya Tanaka	Tohoku University	Aluminum-Based Lewis Acid/2,6-Disubstituted Pyridine-Mediated Tandem Cyclization-Carboxylation of Allenylbenzenes and 2-Alkynylbiaryls
S51	Poster	August 2	S52-P01	Jana Schiller	University of Regensburg	Synthesis and Characterisation of Supramolecular Aggregates Based on Pn Ligand Complexes and Coinage Metals
S51	Poster	August 2	S52-P02	Rebecca Gruenbauer	Universitat Regensburg	Reactivity of P4 butterfly complexes
S51	Poster	August 2	S52-P03	Christian Hoidn	University of Regensburg, Germany, Institute of Inorganic Chemistry	Synthesis, Characterization and Reactivity of an Unprecedented Bimetallic Sn <sub>2</sub> Co <sub>2</sub> -Cluster
S54	Poster	August 2	S54-P01	Lillian Ma	University of Cambridge	Coordination Cages as a Scaffold to Permanently Porous Liquids
S54	Poster	August 2	S54-P02	Jianyun Wu	Tohoku University	Synthesis and Physical Properties of -CONHC <sub>14</sub> H <sub>29</sub> Substituted Porphyrin Derivatives
S54	Poster	August 2	S54-P03	Haeri Lee	Pusan National University	Solvomorphism of double-layered 2D networks via single-crystal-to-single-crystal transformation
S54	Poster	August 2	S54-P04	Daseul Lee	Pusan National University	Solvent-dependent linkage isomerism and cyclodimerism of (Me <sub>4</sub> en)platinum(II) complexes
S54	Poster	August 2	S54-P05	Seonghyeon Park	Pusan National University	Anion and media effects on catechol oxidation of rigid 2D Cu(II) coordination networks
S54	Poster	August 2	S54-P06	Tomoaki Hiraoka	Graduate School of Science and Technology, Kumamoto University	Reversible Transformation between One Dimensional Cyano-Bridged Coordination Polymers and Ionic Liquids
S54	Poster	August 2	S54-P07	Ami Saito	Graduation school of engineering, the University of Tokyo	Construction and exfoliation of a layered metal-peptide material with a woven structure
S54	Poster	August 2	S54-P08	Aaron Scott	The University of Edinburgh	Paramagnetic Metallosupramolecular Coordination Cages
S54	Poster	August 2	S54-P09	John Carpenter	University of Cambridge	Two Modes of Orthogonal Guest Binding in a Dicopper-based Cu <sub>12</sub> L <sub>4</sub> Molecular Cage
S54	Poster	August 2	S54-P10	Helen O'Connor	The University of Edinburgh	Magnetic Coordination Capsules
S54	Poster	August 2	S54-P11	Kyoko Iwaya	Kumamoto University	Control of magnetic property of cobalt(II) complex by cocrystallization
S54	Poster	August 2	S54-P12	Yuki Komatsumaru	Kumamoto University	Magnetic and dielectric properties of fluorobenzyl-terpyridine cobalt(II) complex
S54	Poster	August 2	S54-P13	Edward Britton	University of Leeds	Luminescent Metallo-cryptophane Systems
S54	Poster	August 2	S54-P14	Mauro Mocerino	Curtin University	Reversible energy transfer to lanthanoid ions mediated by calixarenes
S54	Poster	August 2	S54-P15	Jennifer Train	University of Sheffield	Photo-induced electron transfer from a mixed-metal coordination cage to bound guests
S55	Poster	August 2	S55-P01	Kristine Laws	King's College London	Mitochondria targeting metal complexes initiate cell death in cancer stem cells

S55	Poster	August 2	S55-P02	Sudhir Lima	Department of Chemistry, National Institute of Technology, Rourkela 769008, India	DNA binding, photoinduced DNA cleavage and cytotoxic activities of some alkali metal ion-mediated dioxidovanadium(V) complexes containing tridentate arylhydrazone ligands.
S55	Poster	August 2	S55-P03	Atanu Banerjee	Department of Chemistry, National Institute of Technology, Rourkela 769008, India.	Synthesis of rare nonoxidovanadium(IV) complexes with sterically constrained ligands: Study of antiproliferative and insulin mimetic activity.
S55	Poster	August 2	S55-P04	Kun Peng	University of Wuerzburg	iClick reactions for a modular access to palladium and platinum complexes with anticancer activity
S55	Poster	August 2	S55-P05	Unchulee Chaveerach	Department of Chemistry, Faculty of Science, Khon Kaen University, Khon Kaen 40002, Thailand	Anticancer activity of (amidino-O-methylurea)copper(II) chloride with enrofloxacin
S55	Poster	August 2	S55-P06	Chi Nguyen	Hanoi National University of Education	Platinum(II) complexes bearing eugenol derivatives: Synthesis, structure and in vitro cytotoxicity
S55	Poster	August 2	S55-P07	Martin Sojka	Department of Chemistry, Faculty of Science, Masaryk University, Brno, Czech Republic	Pseudorotaxanes as carriers for ruthenium prodrugs
S55	Poster	August 2	S55-P08	Jana Kasparkova	Institute of Biophysics, Czech Academy of Sciences	Anticancer kiteplatin pyrophosphate targets selectively DNA.
S55	Poster	August 2	S55-P09	Julia Eremina	Novosibirsk State University (NSU), Nikolaev Institute of Inorganic Chemistry SB RAS (NIIC SB RAS)	Synthesis, characterization and cytotoxicity studies of Cu(II) complexes with tetrazole and enamindione derivatives
S55	Poster	August 2	S55-P10	Yu Chen	School of chemistry, Sun Yat-sen University	Ru(II) complexes as topoisomerase I/II dual inhibitors
S55	Poster	August 2	S55-P11	Wenxiu Ni	Shantou University Medical College	Ruthenium(III) compound with polyamine ligand as potential anticancer agent: good solubility in aqueous solution and pH sensitivity
S55	Poster	August 2	S55-P12	Toshifumi Kishimoto	Graduate School of Life and Medical Sciences, Doshisha Univ.	Different effect between cisplatin and transplatin on the higher order structure and function of DNA
S55	Poster	August 2	S55-P13	Agnieszka Wojciechowska	Faculty of Chemistry, Wrocław University of Science and Technology,	Rare 3,5-diiodo-L-tyrosine copper(II) complexes with H <sub>2</sub> O, NO <sub>3</sub> <sup>-</sup> and Cl <sup>-</sup> entities
S55	Poster	August 2	S55-P14	Izak Kotze	Wits University	[Pt(diimine)(acylthiourea)] <sup>+</sup> complexes as DNA-intercalators: Exploring their potential anticancer activity
S55	Poster	August 2	S55-P15	Amani Al-Riyami	Sultan Qaboos University	Physicochemical Features and Photocytotoxicity of Ternary Hydrazone Complexes of Nickel(II) and Copper(II)
S55	Poster	August 2	S55-P16	Siyabonga Ngubane	University of Cape Town	Diruthenium Mixed-Ligand Complexes: Synthesis, Spectroscopy and Anticancer Activity