

ICCC2018 Program (S03)

July 30, 2018 (Mon)		July 31, 2018 (Tue)		Aug 1, 2018 (Wen)		Aug 2, 2018 (Thu)		Aug 3, 2018 (Fri)		Aug 4, 2018 (Sat)	
		8:30	Plenary Lecture Prof. Yi Lu	8:30	Plenary Lecture Prof. Gary Brudvig	8:30	Plenary Lecture Prof. Roland A. Fischer	8:30	Plenary Lecture Prof. Shie-Ming Peng	8:30	Plenary Lecture Prof. Mario Ruben
		9:15	Coffee Break	9:15	Coffee Break						
		9:40	Douglas Stephan	9:40	Susumu Kitagawa						
		10:05	Gabor Laurenczy	10:05	Jing Li						
		10:25	Antoine Tissot	10:25	Guillaume Maurin						
		10:45	Dmitri Gelman	10:45	Durga Parajuli						
		11:00	Hiroshi Yamashita	11:00	Madhab C. Das						
		11:15	Lin Wang	11:15	Akira Takahash						
		11:30	Molly O'Hagan	11:30	Chuanyong Jing						
		11:45	Sanjit Nayak	11:45	K. Kavallieratos						
		12:00	Pidko Evgeny	12:00	Joerg A. Schachner						
		12:15	Lunch	12:15	Lunch					12:10	Special Lecture: Prof. Jean-Pierre Sauvage
		13:15	Plenary Lecture Prof. Lee Cronin	13:15	Plenary Lecture Prof. Hideo Hosono			13:15	Plenary Lecture Prof. James Mayer		
		14:00	Coffee Break	14:00	Coffee Break						
		14:25	Ken Sakai	14:25	Michael Zaworotko						
		14:50	Ya-Qian Lan	14:50	ChristofWoell						
		15:10	Ho-Jin Son	15:10	Jie-Peng Zhang						
		15:30	Huan Pang	15:30	Hai-Long Jiang						
		15:50	Hiroyuki Takeda	15:50	Zhi-Gang Gu						
		16:05	P. Chinapang	16:05	Rongmei Zhu						
		16:20	Coffee Break	16:20	Coffee Break						
		16:45	Vivian Wing-Wah Yam	16:45	Jong-San Chang						
		17:10	Qiang Zhao	17:10	Sujit Ghosh						
		17:30	Guijiang Zhou	17:30	Qiang Xu						
		17:50	Xunjin Zhu	17:50	Guangqin Li						
18:00	Special Lecture: Prof. Akira Fujishima	18:05	Soumyajit Roy	18:05	Anastasiya Bavykina						
		18:20	Naoki Toshima	18:20	Clemence Sicard						
		18:35	End	18:35	End						

18:30	Poster Session of S03 (this session)
20:30	

Session	Lecture	Poster Date	Code	Name	Affiliation	Title
S03	Organizer			Qiang Xu	National Institute of Advanced Industrial Science and Technology (AIST) and Kobe University	
S03				Osamu Ishitani	Tokyo Institute of Technology	
S03				Jing Li	Rutgers University	
S03				Christian Serre	CNRS and Ecole Normale Superieure	
S03				Wai-yeung Wong	The Hong Kong Polytechnic University	
S03	Keynote		A01019-DS	Douglas Stephan	University of Toronto	Using Main Group Chemistry to Cleave Strong Bonds
S03	Keynote		A02016-KS	Ken Sakai	Department of Chemistry, Faculty of Science, WPI-I2CNER, and CMS, Kyushu University	Coordination Chemistry focused on Photochemical Water Splitting Molecular Devices
S03	Keynote		A00399-MZ	Michael Zaworotko	University of Limerick	Crystal Engineering of Hybrid Ultramicroporous Materials
S03	Keynote		A00440-VY	Vivian Wing-Wah Yam	Department of Chemistry, The University of Hong Kong	Versatile Chromophores and Excited States for Efficient Photosensitization and Optoelectronic and Electronic Functions
S03	Keynote		A00584-SK	Susumu Kitagawa	Kyoto University	New Dimensions of Porous Coordination Polymers/Metal-Organic Frameworks
S03	Keynote		A02076-JC	Jong-San Chang	Korea Research Institute of Chemical Technology (KRICT)	Sorption-Driven Energy and Environmental Applications by Porous Metal-Organic Framework Materials
S03	Invited		A00392-QZ	Qiang Zhao	Nanjing University of Posts & Telecommunications	Design, Synthesis and Optoelectronic Applications of Phosphorescent Transition-metal Complexes
S03	Invited		A00400-YL	Ya-Qian Lan	Nanjing Normal University	Reductive POM-Porphyrin-Based Metal-Organic Framework for Enhancing the Gas Selectivity of CH ₄ for Visible-Light Photoreduction of CO ₂
S03	Invited		A00711-GL	Gabor Laurenczy	EPFL ISIC LCOM GCEE	Metal complexes in chemical hydrogen storage & delivery
S03	Invited		A00713-HS	Ho-Jin Son	Korea University	Organic-Inorganic Hybrid System for Photocatalytic CO ₂ Reduction
S03	Invited		A00743-GM	Guillaume Maurin	Universite Montpellier	Computational-guided Discovery of MOFs towards applications
S03	Invited		A00864-GZ	Guijiang Zhou	Department of Chemistry, School of Science, Xi'an Jiaotong University	New Tactics for Tuning the Optoelectronic Properties of Phosphorescent Complexes and Their Application for OLEDs
S03	Invited		A00888-SG	Sujit Ghosh	Dept. of Chemistry, IISER Pune	Functional Metal-Organic Frameworks (MOFs) for Sensing and Sequestration of Environmental Pollutants
S03	Invited		A01128-AT	Antoine Tissot	Institut des Materiaux Poreux de Paris, FRE 2000, CNRS - Ecole Normale Superieure-ESPCI, PSL Research University	Metal-Organic Frameworks for electrocatalysis
S03	Invited		A02049-CW	Christof Woell	Director of Institute of Functional Interfaces at KIT	Programmed Assembly of Molecular Frameworks: A New Class of Designer Solids?
S03	Invited		A00060-HJ	Hai-Long Jiang	Department of Chemistry, University of Science and Technology of China	Functionalization of Metal-Organic Frameworks for Improved Catalysis
S03	Invited		A00740-JZ	Jie-Peng Zhang	Sun Yat-Sen University	Metal-Organic Frameworks as Electrocatalysts for Water Oxidation or the Oxygen Evolution Reaction
S03	Invited		A01990-HP	Huan Pang	Yangzhou	Nitrogen-Doped Cobalt Oxide Nanostructures Derived from Cobalt-Alanine Complexes for High-Performance Oxygen Evolution Reactions

S03	Invited		A01998-QX	Qiang Xu	AIST-Kyoto University ChEM-OIL	Metal-organic frameworks (MOFs) as a platform for energy applications
S03	Invited		A01456-JL	Jing Li	Rutgers University	Designing High Performance MOFs for Efficient Gas Separation and Capture
S03	Oral Talk		A00064-SR	Soumyajit Roy	Zhong Dayu School of Chemistry, Dalian University of Technology, Dalian, P. R. China and EFAML, Materials Science Centre, Department of Chemical Science, IISER Kolkata, India.	Softoxometalates (SOMs): Water, Light, Chemistry
S03	Oral Talk		A00268-AB	Anastasiya Bavykina	KAUST Catalysis Center, Advanced Catalytic Materials group	Single Site Covalent Triazine Framework Based Monoliths for C1 Catalysis
S03	Oral Talk		A00031-GL	Guangqin Li	School of Chemistry, Sun Yat-sen University	Advanced MOF-derived materials for energy storage and electrocatalyst
S03	Oral Talk		A00072-ZG	Zhi-Gang Gu	Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences	Coordination Chemistry of Oriented Metal-Organic Framework Thin Films
S03	Oral Talk		A00074-CJ	Chuanyong Jing	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Antimony adsorption on {001} TiO ₂
S03	Oral Talk		A00078-DG	Dmitri Gelman	The Hebrew University	Novel Ir(III)-PC(sp ³)P Bifunctional Catalysts for Production of H ₂ by Dehydrogenation of neat Formic Acid: Experimental and Theoretical Study
S03	Oral Talk		A00471-DP	Durga Parajuli	National Institute of Advanced Industrial Science and Technology, AIST	Adsorption Mechanism of Trace Arsenic by ZIF-8 and Its Application for Environmental Monitoring
S03	Oral Talk		A00487-JS	Joerg A. Schachner	University of Graz, Institute of Chemistry	Rhenium catalysed Reduction of Perchlorate and Nitrate: Potential Applications in Waste Water Treatment
S03	Oral Talk		A00660-LW	Lin Wang	National Institute of Advanced Industrial Science and Technology	Highly Efficient and Selective Methanol Production from Paraformaldehyde and Water at Room Temperature
S03	Oral Talk		A00701-PC	Pondchanok Chinapang	Institute for molecular Science (IMS), SOKENDAI (The Graduate University for Advanced Studies)	The Development of a Framework Catalyst for Photocatalytic Hydrogen Evolution
S03	Oral Talk		A00715-SN	Sanjit Nayak	University of Bradford	A coordination chemistry approach towards synthesis of porous graphitic carbon with high hydrogen uptake
S03	Oral Talk		A00783-PE	Pidko Evgeny	Delft University of Technology	The mechanistic complexity behind Mn-catalyzed ester hydrogenation
S03	Oral Talk		A01013-HT	Hiroyuki Takeda	Tokyo Institute of Technology	Photocatalytic CO ₂ Reduction Using Earth Abundant Metal Complexes
S03	Oral Talk		A01025-RZ	Rongmei Zhu	Yangzhou University	Electrocatalytic Studies for Oxygen Evolution Reaction of MOFs Based on pi-Conjugated Molecules
S03	Oral Talk		A01222-HY	Hiromi Yamashita	Osaka University	Efficient H ₂ Production from Formic Acid over Plasmonic Au@Pd Nanoparticle Supported on Metal Organic Framework
S03	Oral Talk		A01312-MO	Molly O'Hagan	Pacific Northwest National Laboratory	Controlling the Reactivity of Molecular Catalysts using Protein Scaffolds
S03	Oral Talk		A01364-KK	Konstantinos Kavallieratos	Florida International University	Soft N- and S- Site Ligands for Hg(II) Coordination and for Actinide/Lanthanide Separations
S03	Oral Talk		A01590-NT	Naoki Toshima	Tokyo University of Science Yamaguchi	Organic Hybrid Thermoelectric Materials for Improved Energy Conversion of Waste and Environmental Heat
S03	Oral Talk		A01617-AT	Akira Takahashi	Nanomaterial Research Institute, Advanced Industrial Science and Technology	Recyclable Ammonia adsorbent with Prussian blue analogues

S03	Oral Talk		A01955-CS	Clemence Sicard	Institut Lavoisier de Versailles, UVSQ	Elaboration of MOF-Enzyme Biocatalysts
S03	Oral Talk		A02043-DM	Madhab C. Das	Indian Institute of Technology Kharagpur	MOFs: Selective Gas Sorption and Proton Conduction
S03	Oral Talk		A02157-XZ	Xunjin Zhu	Hong Kong Baptist University	Spiral Nanoaggregates of A-D-A Porphyrin Small Molecules for High Performance Organic Solar Cells
S03	Poster	July 31	S03-P01	Andrew Kalbach	North Dakota State University	Confocal Raman Microscopy as a Mechanistic Probe for Metal Catalyzed Linseed Oil Autoxidation
S03	Poster	July 31	S03-P02	Fernando Salomon	INQUINOA-UNT-CONICET	A potential photosensitizer based on a novel complex of ruthenium(II) coordinated to 4,4'-X2-2,2'-bipyridines (with X = electron donating/withdrawing groups)
S03	Poster	July 31	S03-P03	Philipp Lang	Humboldt Universitat zu Berlin	The Influence of Molecular Architecture in Photocatalytic CO2 Reduction
S03	Poster	July 31	S03-P04	Lianpeng Tong	Guangzhou University	Mononuclear ruthenium polypyridine complexes that catalyze water oxidation
S03	Poster	July 31	S03-P05	Sungeun Jeoung	UNIST	Hierarchically Micro-Macroporous Adamantane-Like Nitrogen-Doped Carbons
S03	Poster	July 31	S03-P06	Jin Yeong Kim	Department of chemistry, Natural Science, Ulsan National Institute of Science and Technology (UNIST)	Selective Hydrogen Isotope Separation via Breathing Transition in MIL-53(AI)
S03	Poster	July 31	S03-P07	Stefan Schwarz	University of Auckland	Synthesis and Characterisation of Novel Fe-TAML Complexes and their Application as Catalysts in Solution and Immobilised on Solid Supports
S03	Poster	July 31	S03-P08	Antony Melton	University of Auckland	Catalytic Water Purification with in situ Hydrogen Peroxide Generation
S03	Poster	July 31	S03-P09	Biplab Joarder	Department of Chemistry and Biochemistry, Kyushu University, Japan	Single Crystal Proton Conduction Study of a Metal Organic Framework of Modest Water Stability
S03	Poster	July 31	S03-P10	Dong-Dong Zhou	School of Chemistry, Sun Yat-Sen University	Electrochemical exfoliation of pillared-layer metal-organic framework for boosting the oxygen evolution reaction
S03	Poster	July 31	S03-P11	Xiao-Ning Cheng	Instrumental Analysis and Research Center, Sun Yat-Sen University	A series of nanotubular crystals of metal-organic hexagons
S03	Poster	July 31	S03-P12	Naoki Ogiwara	Kyoto Univesity	Water-Gas Shift Reaction Activity of Pt Nanocrystals Hybridized with Metal-Organic Frameworks
S03	Poster	July 31	S03-P13	Shiqiang Wang	University of Limerick	Reversible switching behaviour in a coordination network
S03	Poster	July 31	S03-P14	Yuta Ohtsubo	Department of Chemistry, Graduate School of Science, Kyushu University	Acceleration of Ortho-Para Conversion for Molecular Hydrogen by Porous Coordination Polymer
S03	Poster	July 31	S03-P15	Jaechul Lee	POSTECH	Separation of Acetylene from Carbon Dioxide and Ethylene by imidazolium-based Metal-organic Frameworks
S03	Poster	July 31	S03-P16	Yoichi Sasaki	Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University	Near infrared-to-blue photon upconversion based on singlet-to-triplet absorption
S03	Poster	July 31	S03-P17	Seungjae Park	POSTECH	Development of new post-synthetic modification (PSM) platform using sulfonyl fluoride exchange (SuFEx) reaction in metal-organic materials (MOMs)
S03	Poster	July 31	S03-P18	Anastasia Cheplakova	Nikolaev Institute of Inorganic Chemistry SB RAS	MOFs based on perfluorinated aromatic carboxylates

S03	Poster	July 31	S03-P19	Laura Dura	Institute of Chemical Research of Catalonia (ICIQ), Llobet group	Effect of Cyclometalation on Ru-Complexes of Dicarboxy-terpyridine Derivatives
S03	Poster	July 31	S03-P20	Rana Sanii	University of Limerick	New Linker Ligands for Coordination Polymers
S03	Poster	July 31	S03-P21	Isabel Castro	Universitat de Valencia	Metal-organic frameworks as colorimetric magnetic sensors of amine vapors. X-Ray Absorption Studies on the Structural and Chemical Dynamic Transformations.
S03	Poster	July 31	S03-P22	Satoshi Inoue	Kanagawa University, Graduate School of Science	Photo- and Electrocatalytic Hydrogen Production Using Nickel Complexes Containing N and S Donor Atoms
S03	Poster	July 31	S03-P23	mari yamane	Graduate School of Engineering, Osaka City University	Enhanced catalysis of Prussian blue analogs with CN-deficient sites for hydrolysis of organophosphates
S03	Poster	July 31	S03-P24	Tabe Hiroyasu	Graduate School of Engineering, Osaka City University	Heterogeneous Catalysis of Cyano-Bridged Polynuclear Metal Complexes for Organophosphate Hydrolysis
S03	Poster	July 31	S03-P25	Jian Xu	Nankai University	Reinventing the stimuli-responsive behaviour of smart organic fluorophores by a dynamic metal-organic framework
S03	Poster	July 31	S03-P26	Byeongchan Lee	Department of Emerging Materials Science, DGIST	MOFs as strong-affinity sorbents for iodine
S03	Poster	July 31	S03-P27	Hyengjin Jeong	Kyushu University	A Ruthenium Photosensitizer Modified TiO ₂ Electrode for Near-Infrared Light-Driven Hydrogen Evolution
S03	Poster	July 31	S03-P28	Kazuma Yamakawa	Kyushu University	Synthesis and H ₂ -evolving Activity of New Dinuclear Platinum(II) Bipyridine Complexes Having an Intramolecular Metal-Metal Interaction
S03	Poster	July 31	S03-P29	Toshihiro Koga	Kyushu university	Hydrogen Evolution Catalyzed by New Nickel(II) Complexes Having NHC Ligands
S03	Poster	July 31	S03-P30	Kosuke Sakota	Department of Chemistry, Faculty of Science, Kyushu University	Syntheses and Catalytic Water Oxidation Activities of Trinuclear Ruthenium Clusters
S03	Poster	July 31	S03-P31	Yuto Sakaguchi	Kyushu university	Catalytic Activity of Diazapyridinophane First-row Metal Complexes for CO ₂ Reduction
S03	Poster	July 31	S03-P32	Natsumi Yano	Shimane University	Photophysical and Electrochemical Properties of Cyclometalated Iridium(III) Complexes Coordinated with 5,5'-Bis(trifluoromethyl)-2,2'-bipyridine
S03	Poster	July 31	S03-P33	Sanaz Khorasani	University of Limerick	Design, synthesis, and crystal engineering of bis(pyridyl)-bis(amide)-based linker ligands
S03	Poster	July 31	S03-P34	Kanokwan Kongpatpanich	Department of Materials Science and Engineering, School of Molecular Science and Engineering, Vidyasirimedhi Institute of Science and Technology	Fabrication of MOF/carbon composites for nitrite oxidation
S03	Poster	July 31	S03-P36	Yutaro Aimoto	Kyushu University	Electrochemical Hydrogen Evolution from Water with Low Overpotentials Catalyzed by Nickel(II) Dithiolene Complexes
S03	Poster	July 31	S03-P37	Rodrigo Boni Fazzi	Universidade de Sao Paulo	Comparison of MOF compounds based on copper(II) and imine ligands, with different linkers
S03	Poster	July 31	S03-P38	Santi Prasad Rath	Indian Association for the Cultivation of Science	Tuning of Redox Behaviors and Chemical Reactivity of Ruthenium Complexes by Ancillary Co-ligands

S03	Poster	July 31	S03-P39	Natsuki Taira	Kyushu University	Mechanistic Studies on Water oxidation Catalyzed by Cobalt Polyoxometalates with Stopped-flow Techniques
S03	Poster	July 31	S03-P40	Xian Zhang	Department of Chemistry, Faculty of Science	Toward Metal Complexes with Phosphine Donors as Photosensitizers for Photocatalysis in Aqueous Media
S03	Poster	July 31	S03-P41	Peng Zhou	Dalian University of Technology	A fluorescence probe based on coumarin for sensitive and selective detection of Hg ²⁺ in aqueous medium
S03	Poster	July 31	S03-P42	Rym Abidi	FACULTY OF SCIENCES OF BIZERTE UNIVERSITY OF CARTHAGE	Formation of binuclear neutral Copper(II) complexes based on p tert-butyl- calix[4]arene and thiacalix[4]arene in 1,3-A conformation bearing four catechol at their lower rim
S03	Poster	July 31	S03-P43	Cedric Wobill	University of Basel	Transition Metal Polypyridyl Complexes as Electrolytes in Combination with Copper(I) Dyes in Dye Sensitized Solar Cells
S03	Poster	July 31	S03-P44	Hong Wang	Department of Materials Science and Engineering, Sichuan University of Science and Engineering	Synthesis of magnetic CoFe ₂ O ₄ nanoparticles with enhanced acetone sensing properties using metal organic compound as precursors
S03	Poster	July 31	S03-P45	Lingjun Kong	Nankai university	2D Metal-Organic Framework-Derived N-Doped bubbly Carbon as anode for Superior Sodium Storage
S03	Poster	July 31	S03-P46	Tsagana Sumyanova	Lomonosov Moscow State University	Influence of the stability constants of lanthanides with N,O-tetradentate ligands
S03	Poster	July 31	S03-P48	Dylan Pritchard	University of Sheffield	Photobactericidal activity of transition metal photosensitisers covalently grafted onto silica powder.
S03	Poster	July 31	S03-P49	Nobuko Tsumori	Toyama National College of Technology	Quasi-MOF: Exposing Inorganic Nodes to Guest Metal Nanoparticles for Drastically Enhanced Catalytic Activity