

ICCC2018 Program (S07)

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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			
								9:40	Marc Robert			
								10:05	Charles W. Machan			
								10:25	Yusuke Kuramochi			
								10:45	Stephen Colbran			
								11:00	Yusuke Tamaki			
								11:15	Federico Franco			
								11:30	Takashi Kajiwara			
								11:45	Ming-Kang Tsai			
								12:00	Keita Sekizawa			
								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			
								14:25	Nobuharu Iwasawa			
								14:50	Tetsuaki Fujihara			
								15:10	Caroline T. Saouma			
								15:30	Alexander J. M. Miller			
								15:50	Roberto Gobetto			
								16:05	Hideki Ohtsu			
								16:20	Coffee Break			
								16:45	Osamu Ishitani			
								17:10	Inke Siewert			
								17:30	Jonathan Rochford			
								17:50	Hitoshi Ishida			
18:00	Special Lecture: Prof. Akira Fujishima							18:45	Banquet @ Hotel Metropolitan Sendai			
						18:30	Poster Session of S07 (this session)					
						20:30						

Session	Lecture	Poster Date	Code	Name	Affiliation	Title
S07	Organizer			Hitoshi Ishida	Kitasato University	
S07				Hiroyuki Takeda	Tokyo Institute of Technology	
S07				Charles Machan	University of Virginia	
S07				Etsuko Fujita	Brookhaven National Laboratory	
S07				Erwin Reisner	University of Cambridge	
S07				Ho-Jin Son	Korea University	
S07	Keynote		A00355-MR	Marc Robert	Universite Paris Diderot	Solar fuels from CO ₂ catalytic reduction. Producing CO and CH ₄ with Fe molecular complexes
S07	Keynote		A00665-OI	Osamu Ishitani	Tokyo Institute of Technology	Photocatalytic CO ₂ Reduction Using Metal Complexes as Key Players
S07	Keynote		A01149-NI	Nobuharu Iwasawa	Tokyo Institute of Technology	Visible-Light Driven Carboxylation Reactions
S07	Invited		A00598-CM	Charles Machan	University of Virginia	Bipyridine-Based Molecular Electrocatalysts for Reactions Relevant to Solar Fuels
S07	Invited		A01768-YK	Yusuke Kuramochi	Tokyo University of Science	Reaction Mechanisms in Photochemical CO ₂ Reduction Catalyzed by Ru(II) complexes
S07	Invited		A01929-JR	Jonathan Rochford	University of Massachusetts Boston	Exploring second and outer coordination sphere strategies for electrocatalytic CO ₂ reduction
S07	Invited		A00736-IS	Inke Siewert	Gottingen University	Rhenium Complexes with Proton Responsive Ligands as Catalysts in the Electrochemical CO ₂ Reduction Reaction
S07	Invited		A00993-AM	Alexander Miller	University of North Carolina at Chapel Hill	Mechanism of CO ₂ Reduction by Carbene-Supported Ruthenium Electrocatalysts
S07	Invited		A01867-CS	Caroline Saouma	University of Utah	Thermodynamic considerations for the selectivity of catalytic CO ₂ reduction by a cobalt complex
S07	Invited		A00898-FT	Tetsuaki Fujihara	Kyoto University	Cobalt-Catalyzed Carboxyzincation of Alkynes Using Carbon Dioxide and Zinc Powder
S07	Oral Talk		A00015-MT	Ming-Kang Tsai	National Taiwan Normal University	CO ₂ Reduction Catalysis by Tunable Square-Planar Transition Metal Complexes: A Theoretical Investigation Using Nitrogen-Substituted Carbon Nanotube Models
S07	Oral Talk		A00116-SC	Stephen Colbran	University of New South Wales	Transition metal-organic hydride donor conjugates for electrocatalysis of reduction of carbon dioxide
S07	Oral Talk		A01270-RG	Roberto Gobetto	University of Torino	Recent Advances on Electrocatalytic CO ₂ Reduction mediated by M(bpy-R)(CO) ₃ Br (M=Mn,Re) Complexes
S07	Oral Talk		A01415-KS	Keita Sekizawa	Toyota Central R&D Labs., Inc.	Solar-Driven CO ₂ Reduction in Water Utilizing a Hybrid Photoelectrode Constructed with a Ruthenium Complex Catalyst and p-Type Fe ₂ O ₃
S07	Oral Talk		A01677-HO	Hideki Ohtsu	Graduate School of Science and Engineering, University of Toyama	A Novel Photo-Driven Hydrogenation Reaction of an NAD ⁺ -type Complex for Artificial Photosynthesis
S07	Oral Talk		A01800-YT	Yusuke Tamaki	Tokyo Institute of Technology	Photocatalytic reduction of low concentration of CO ₂ using Ru(II)-Re(I) binuclear complex photocatalyst
S07	Oral Talk		A01831-TK	Takashi Kajiwara	Kyoto University	Design and Synthesis of Porous Coordination Polymer Hybrid Catalysts Modified with Ru(II)-polypyridyl Complexes for Photochemical CO ₂ Reduction

S07	Oral Talk		A01861-FF	Federico Franco	Institute of Chemical Research of Catalonia (ICIQ)	Novel tricarbonyl Mn catalysts based on N-heterocyclic Carbene ligands for efficient electrochemical CO2 reduction
S07	Oral Talk		A02133-HI	Hitoshi Ishida	Department of Chemistry, Graduate School of Science, Kitasato University	Ruthenium-Peptide Conjugates for CO2 Reduction Catalysts toward Artificial Photosynthesis
S07	Poster	August 2	S07-P01	Minglun Cheng	Dalian University of Technology	Diiron Dithiolate hexacarbonyl Complexes for Electrocatalytic Reduction of CO2 to CO
S07	Poster	August 2	S07-P02	Pilsoo Kim	Korea University	Photosensitization Behavior of Ir(III) Complexes in Selective Reduction of CO2 by Re(I)-Complex-Anchored TiO2 Hybrid Catalyst
S07	Poster	August 2	S07-P03	Hyun Wook Cha	Korea University	Development of a Lower Energy Photosensitizer for Photocatalytic CO2 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 CO2 Reduction: Efficient Electron Transfer from MOFs to TiO2 -Rel Reaction Center
S07	Poster	August 2	S07-P05	Md Ahsan Habib	Tohoku University	Electron reservoir improved pseudo-pincer type electrocatalytic abilities to CO2 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 CO2 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	CO2 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 CO2 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 CO2 Reduction Using a Ru-Re Dinuclear Photocatalyst Immobilized on Solid Surface
S07	Poster	August 2	S07-P12	Tatsuki Morimoto	Tokyo University of Technology	Photocatalytic CO2 Reduction by Rhenium Complexes Capturing CO2 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 CO2 Reduction Catalyzed by Dinuclear Ruthenium Bipyridyl Complexes
S07	Poster	August 2	S07-P15	Chi-Fai Leung	The Education University of Hong Kong	Photocatalytic CO2-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 CO2 reduction