

ICCC2018 Program (S45)

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	Wolfgang Lubitz	9:40	Marcetta Y. Darensbourg		
						10:05	Yoshiki Higuchi	10:05	Wolfgang Weigand		
						10:25	Yasuhito Shomura	10:25	Hideaki Ogata		
						10:45	Ki-Seok Yoon	10:45	Tomoyoshi Suenobu		
						11:00	Hongjin Lv	11:00	Kosei Yamauchi		
						11:15	Abir Sarbajna	11:15	Masahiro Yuki		
						11:30	Julien Warnan	11:30	Miho Isegawa		
						11:45	Yu-Chiao Liu	11:45	Takashi Fujishiro		
						12:00	Andreas Berkefeld	12:00	Stephan Kupfer		
								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	Mei Wang		
								14:50	Hannah Shafaat		
								15:10	Ming-Hsi Chiang		
								15:30	Takahiro Matsumoto		
								15:50	Tatsuya Ando		
								16:05	Mitsuhiro Kikkawa		
								16:20	Coffee Break		
								16:45	Morris Bullock		
								17:10	Kalina Peneva		
								17:30	Sven Stripp		
								17:50	Oral Presentation		
18:00	Special Lecture: Prof. Akira Fujishima							18:45	Banquet @ Hotel Metropolitan Sendai		
						18:30	Poster Session				

Session	Lecture	Poster Date	Code	Name	Affiliation	Title	
S45	Organizer			Thomas B. Rauchfuss	Department of Chemistry, 505 South Mathews Avenue Urbana, IL 61801		
S45				Seiji Ogo	Kyusyu University		
S45					Yoshiki Higuchi	University of Hyogo	
S45					Takahiro Matsumoto	Kyusyu University	
S45					Ming-Hsi Chiang	Institute of Chemistry Academia Sinica	
S45					Hannah S. Shafaat	Newman-Wolfram Laboratory	
S45					Wolfgang Weigand	Friedrich Schiller University Jena	
S45			Keynote		A00132-MW	Mei Wang	Dalian University of Technology
S45	Keynote		A00416-WL	Wolfgaang Lubitz	Max Planck Institute for Chemical Energy Conversion	Semisynthetic Hydrogenases	
S45	Keynote		A00720-MB	Morris Bullock	Pacific Northwest National Laboratory	Design of Molecular Electrocatalysts for Production of Hydrogen - Using Ligand Dynamics to Control Proton Delivery	
S45	Keynote		A03027-MD	Marcetta Darensbourg	Texas A&M University	NO-Assistance Needed: The Role of Nitric Oxide as Electron Buffering Agent in Bimetallic, Hydrogenase-Inspired, HER Electrocatalysis	
S45	Invited		A00695-TM	Takahiro Matsumoto	Kyushu University	Mechanistic Insight into Switching between H ₂ - or O ₂ -Activation by Simple Ligand Effects of [NiFe]hydrogenase Models	
S45	Invited		A00885-YH	Yoshiki Higuchi	University of Hyogo	Structural chemistry on O ₂ -tolerant [NiFe]-hydrogenases	
S45	Invited		A01231-MC	Ming-Hsi Chiang	Academia Sinica	Electrocatalysts Embedded within Liposomes for Energy Conversion in Neutral Aqueous Media	
S45	Invited		A01334-WW	Wolfgang Weigand	Institut f. Anorganische und Analytische Chemie, FSU Jena, Humboldtstrasse 8, D-07743 Jena	[FeFe] Hydrogenase Models with a (SCH ₂) ₂ P=O Moiety	
S45	Invited		A03059-YS	Yasuhito Shomura	Ibaraki University	Oxidation-induced conformational change at the active site of the soluble NAD ⁺ -reducing [NiFe]-hydrogenase	
S45	Invited		A03060-KP	Kalina Peneva	IOMC, FSU Jena	[FeFe]-Hydrogenase Synthetic Dyads Based on periSubstituted Rylene Dyes	
S45	Invited		A03061-SS	Sven Stripp	FU Berlin	The Molecular Proceedings of Biological Hydrogen Turnover	
S45	Invited		A01557-HO	Hideaki Ogata	Institute of Low Temperature Science, Hokkaido University	Unique spectroscopic properties of a sensory [FeFe] hydrogenase	
S45	Invited		A01997-HS	Hannah Shafaat	The Ohio State University	Model metalloenzymes for H ₂ generation and CO ₂ fixation	
S45	Oral Talk		A00716-MK	Mitsuhiro Kikkawa	Center for Small Molecule Energy, Kyushu University	A Fusion of Biomimetic Fuel and Solar Cells Based on Hydrogenase, Photosystem II, and Cytochrome c Oxidase	

S45	Oral Talk		A00871-TA	Tatsuya Ando	Center for Small Molecule Energy, Department of Chemistry and Biochemistry Graduate School of Engineering, Kyushu University, International Institute for Carbon-Neutral Energy Research (WPI-I2CNER)	One model, Two enzymes: Activation of H ₂ and CO
S45	Oral Talk		A00941-MI	Miho Isegawa	I2CNER, Kyushu University	DFT Study on Fe(IV)-Peroxo Formation and H-Atom Transfer Triggered O ₂ Activation by NiFe complex
S45	Oral Talk		A00994-HL	Hongjin Lv	a Key Laboratory of Cluster Science, Ministry of Education of China; School of Chemistry and Chemical Engineering, Beijing Institute of Technology, Beijing, P.R. China; b Department of Chemistry, University of Rochester, Rochester, New York, USA	Efficient Photocatalytic and Photoelectrochemical Generation of Hydrogen in Noble-Metal-Free Systems
S45	Oral Talk		A01142-KY	Ki-Seok Yoon	International Institute for Carbon-Neutral Energy Research (WPI-I2CNER), Kyushu University	A Diversity of Naturally Occurring O ₂ -Tolerant [NiFe]hydrogenase
S45	Oral Talk		A01271-AS	Abir Sarbajna	Okinawa Institute of Science and Technology Graduate University	Ligand-assisted H ₂ activation by manganese complexes
S45	Oral Talk		A01367-JW	Julien Warnan	University of Cambridge	Enzyme-Inspired 3d Metal Complex-Embedding Polymers towards Enhanced Fuel Electrocatalysis in Water
S45	Oral Talk		A01429-MY	Masahiro Yuki	Department of Systems Innovation, School of Engineering, The University of Tokyo	Catalytic Oxidation of Dihydrogen by Thiolate-bridged Diruthenium Complexes
S45	Oral Talk		A01695-KY	Kosei Yamauchi	Kyushu University	Nickel Dithiolate Molecular Catalysts Promoting Hydrogen Evolution from Water with Low Overpotentials
S45	Oral Talk		A03062-TF	Takashi Fujishiro	Saitama University	[Fe]-hydrogenase-cofactor biosynthesis
S45	Oral Talk		A03063-AB	Andreas Berkefeld	Tuebingen University	Oxidation of H ₂ at electronically distinct nickel-thiolate structures [Ni ₂ (μ-SR) ₂] ⁺ and [Ni-SR] ⁺
S45	Oral Talk		A03064-SK	Stephan Kupfer	FSU Jena	To Decay Or Not To Decay - Tuning Unidirectional MultiElectron Transfer Processes in Photocatalysis
S45	Oral Talk		A01894-TS	Tomoyoshi Suenobu	Graduate School of Engineering, Osaka University	Hydrogen storage and evolution catalyzed by transition metal complexes in protic media
S45	Oral Talk		A00920-YL	Yu-Chiao Liu	Institute of Chemistry, Academia Sinica	Protonation and Reduction of Carbonyl-Rich Diiron Complexes: Insights into the Electrocatalytic Mechanism of Hydrogen Formation