



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

- NATURAL AND CHEMICAL CATALYSTS FOR TECHNOLOGY -
I²CNER INTERNATIONAL WORKSHOP
(I²CNER CATALYTIC MATERIALS TRANSFORMATIONS DIVISION
& THE KU CENTER FOR SMALL MOLECULE ENERGY)

DATE: FRIDAY, FEBRUARY 3, 2017

TIME: 13:00-17:30

VENUE: I²CNER HALL A

Time	Speaker	Affiliation	Title
13:00-13:05	Seiji Ogo	I ² CNER, Kyushu University	Opening remarks
	Chair: Ki-Seok Yoon (I ² CNER, Kyushu University)		
13:05-13:30	Tatsuhiko Yagi	Shizuoka University	<Plenary> Structural and Kinetic Studies on [NiFe] Hydrogenase
	Chair: Seiji Ogo (I ² CNER, Kyushu University)		
13:30-14:00	Hirohisa Tanaka	Kwansei Gakuin University	<Invited> Diversity of Carbon-Neutral Society and Vehicles
14:00-14:30	Tomoyoshi Suenobu	Osaka University	<Invited> Kinetics and Dynamics of Aqueous Catalytic Reactions for Solar Fuel Production Inspired by Coenzyme Redox Systems
14:30-14:50	Break		
	Chair: Miho Yamauchi (I ² CNER, Kyushu University)		
14:50-15:30	Takeo Yamaguchi	Tokyo Institute of Technology	<Plenary> Systematic material design for polymer electrolyte and solid alkaline fuel cells
15:30-15:50	Tatsuya Uchida	I ² CNER, Kyushu University	<Invited> Development of Catalytic C-C Bond Formation
15:50-16:10	Masaaki Sadakiyo	I ² CNER, Kyushu University	<Invited> Metal-organic framework composite catalysts towards energy-related reactions
16:10-16:30	Break		
	Chair: Ki-Seok Yoon (I ² CNER, Kyushu University)		
16:30-16:50	Takahiro Matsumoto	I ² CNER, Kyushu University	<Invited> H ₂ and O ₂ activation by a hydrogenase model
16:50-17:30	Sean J. Elliott	Boston University	<Plenary> Developments in protein electrocatalysis for CO ₂ reduction
17:30	Ki-Seok Yoon	I ² CNER, Kyushu University	Closing