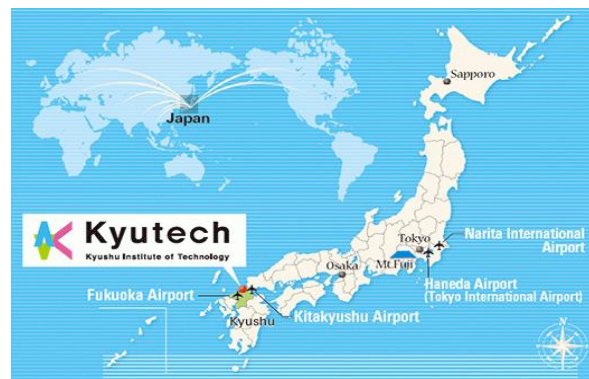


The Japan-China Workshop on materials and their Application in New Energy Devices

4-8th Oct. 2017 at Kyushu Institute of Technology, Wakamatsu Campus, Kitakyushu, Japan



The International Workshop Organizer

Shuzi Hayase, Kyushu Institute of Technology (Japan)

Gaohong He, Dalian University of Technology (China)

Jinquan Wei, Tsuhua University (China)

Tingli Ma, Kyushu Institute of Technology (Japan)

Teruhisa Ohno, Kyushu Institute of Technology (Japan)

Songyuan Dai, North China Electric Power University (China)

Program

	Day 1	Day 2	Day 3	Day 4
9:30-9:40		Opening	Invited presentation	
9:40-12:35		Invited presentation	Poster presentation	
13:40-15:40		Invited presentation		
16:00-18:00		Visit Science and Research Park Lab Tour		
18:00-20:00	Reception			

Thursday October 5 Chair: Tingli Ma		
9:30-9:40AM	Opening Ceremony Vice President Prof. Shuzi Hayase	
Chair: Prof. Shuzi Hayase		
9:40-10:00AM	I 01: Nanoscale Photoenergy Conversion Utilizing Plasmonic Materials	Sunao Yamada Kyushu University, Japan
10:00-10:20AM	I 02: PEBAX-Based Mixed Matrix Membranes for CO ₂ Capture	Gaohong He Dalian University of Technology, China
10:20-10:40AM	I 03: Photocatalytic or Photoelectrochemical CO ₂ Reduction	Teruhisa Ohno Kyushu Institute of Technology, Japan
10:40-10:50 AM	Session Break	

Chair: Prof. Teruhisa Ohno		
10:50 -11:10AM	I 04: Perovskite Solar Cell Research in Hayase Lab	Shuzi Hayase Kyushu Institute of Technology, Japan
11:10-11:30AM	I05: Interface Engineering and Morphological Control of Efficient and Stable Perovskite Solar Cells	Songyuan Dai North China Electric Power University ,China
11:30-11:50AM	I06: Effect Of Chloride on the Properties of Organic-Inorganic Lead Halides based Perovskite Films Beyond Morphology	Hongxia Wang Queensland University of Technology ,Australia
11:50-12:10AM	I07: Fabrication of Perovskite Films through Lewis Acid-Base Reaction	Jinquan Wei Tsinghua University, China
12:10-12:30AM	I08: Rational Design and Low Temperature Fabrication of Electron Transport Layer for Perovskite Solar Cells	Yantao Shi Dalian University of Technology, China
12:40-13:30 PM	Lunch Break Dean Tsuyoshi Hanamoto	

Chair: Prof. Hongxia Wang		
13:40 -14:00PM	I09: Nano Composite for Active Cathode of Low Temperature Solid Oxide Fuel Cells	Tatsumi Ishihara Kyushu University, Japan
14:00 -14:20PM	I10: Electric Properties of Single-Walled Carbon Nanotube and Nanoparticle Complex For Neuron-Like Signal Generation	Hirofumi Tanaka Kyushu Institute of Technology, Japan
14:20 -14:40PM	I11: Tailor-Made TiO ₂ for Enhanced Photocatalytic Performance	Zhenquan Tan Dalian University of Technology, China
14:40 -15:00PM	I12: Design of Nano- Ionic Clusters for Polymer Electrolyte Membranes Fuel Cell	Xuemei Wu Dalian University of Technology, China
15:00 -15:20PM	I13: Novel Cathode Structures for High-Performance Lithium Sulfur Batteries	Fengxiang Zhang Dalian University of Technology, China

15:20-15:40PM	I14: Studies on Nanomaterials and Application for Energy Devices in Ma Lab	Tingli Ma Kyushu Institute of Technology, Japan
16:00-17:30 PM	Visit Kitakyushu Science and Research Park & Lab Tour	
18:00-20:00 PM Welcome Party		
Friday October 6 Chair: Gaohong He		
9:30 -9:40AM	I15: Floating Film Transfer Method: Our Recent Results and Application in the Area of Organic Electronics	Shyam S. Pandey Kyushu Institute of Technology, Japan
9:40 -9:50AM	I16: Investigations of the Independent Effects on Proton Transfer by Simplifying Proton Conductive Channel of PFSA Membrane	Ning Zhang Dalian University of Technology, China
9:50 -10:00AM	I17: Fe(III)-Induced Rapid Deposition and Polymerization of Dopamine on Microfiltration Membrane	Xuehua Ruan Dalian University of Technology, China

10:00-10:10PM	I18: Highly Conductive Anion Exchange Membranes for Fuel Cells	Xiaoming Yan Dalian University of Technology, China
10:10 -10:20AM	I19: Nanosized ZIF-8 based MMM for High Gas Separation Performance	Wenji Zheng Dalian University of Technology, China
10:20 -10:30AM	I20: Light Engineering for Bifacial Transparent Perovskite Solar Cells with High Performance	Liguo Gao Dalian University of Technology, China
10:30 -10:40AM	I21:All-Inorganic Cesium Perovskite Materials forward to Next Generation Solar Cells	Teresa S. Ripolles Kyushu Institute of Technology, Japan
10:40 -10:50AM	I22: Preparation of Multishelled/Hollow Transition Metal Oxides Spheres for Energy Storage	Xiangcun Li Dalian University of Technology, China
10:50 -11:00AM	I23: Microencapsulation of astaxanthin in alginate using modified emulsion technology: Preparation, characterization, and cytostatic activity	Xiujuan Zhang Dalian University of Technology, China

11:00 -11:10AM	I24: First-Principles Study of the Structural and Electronic Properties of the hybrid iodide perovskite	Satoshi Iikubo Kyushu Institute of Technology, Japan
11:10 -11:20AM	I25: Membrane Assisted Technology for Continuous and Accurate Control of Crystal Manufacture	Xiaobing Jiang Dalian University of Technology, China
Poster session Oct. 6 AM 11:20 -11:40 AM		
P1	Design And Synthesis of New All-Inorganic Double Perovskite With 3D Shuttle-Like Structure	Chu Zhang Kyushu Institute of Technology, Japan
P2	Electron Selective Layer With High Conductivity for Perovskite Solar Cells	Zhanglin Guo Kyushu Institute of Technology, Japan
P3	WO _{2.72} /Carbon Cloth for High-Performance Flexible Asymmetric Supercapacitors	Xiao Huang Kyushu Institute of Technology, Japan

P4	Metal–Organic Framework Derived Porous TiO ₂ Nanopills as a Stable Anode for Na-Ion Batteries	Huan Li Kyushu Institute of Technology, Japan
P5	Synergistic Effect of Fe, Co and Phytic Acid Based Metal-Organic Framework for ORR	Nannan Wang Kyushu Institute of Technology, Japan
P6	All-Solid-State Flexible Asymmetric Super-capacitors	Zhiguo Zhang Kyushu Institute of Technology, Japan
P7	Simulation Studies on Dye and Perovskite Sensitized Solar Cells	Ce Hao Dalian University of Technology, China
P8	Studies on TCO-less Perovskite Solar Cells	Zhaosheng Hua Kyushu Institute of Technology, Japan
P9	Cu-based Hole Transfer Material for Perovskite Solar Cells	Zijun Hua China Jiliang University

12:20-20:30 PM	Visit Kitakyushu Eco Town Center of Kitakyushu Visit Tobata Campus of Kyushu Institute of Technology
Saturday October 7 Session: Discussion for Collaboration	
9:00-12:00 AM	Visit Waseda University Campus Visit The University of Kitakyushu Campus Kitakyushu-Fukuoka Moving
12:10-14:00 PM	Lunch Break
14:00PM-20:00PM	Discussion for Collaboration
Sunday October 8	Departure

Access to Wakamatsu Campus in Kitakyushu Science Park, Kyutech, Japan

<http://www.lsse.kyutech.ac.jp/access/>

