

Workshop on Thermal Issues for Hydrogen and Related Energy Systems

Time & Date: 9:50~17:00, February 4 (Wed.), 2015

Venue: I2CNER 2F, Conference Room

Program

9:50-10:00	Opening Remarks: Yasuyuki Takata, Kyushu University
------------	---

10:00-12:00	Chair:
10:00-10:40	Useful Lessons from Nature for Improving Energy Efficiency and Sustainable Development Yuying Yan, University of Nottingham
10:40-11:10	Two-Phase Heat Transport Device Using Capillary Action in a Microscale Porous Structure Hosei Nagano, Nagoya University
11:10-11:40	Emerging Functions of Electrically-induced Bubble Knife Yoko Yamanishi, Shibaura Institute of Technology
11:40-12:00	Dynamics of Droplet Condensation on Chemically Patterned Micropillars Daniel Orejon, Kyushu University

12:00-13:20	Lunch
-------------	--------------

13:20-14:40	Chair:
13:20-13:50	Radiation Control by Micro-cavities in Resin with Metal Film Tsuyoshi Totani, Hokkaido University
13:50-14:20	Analytical Model for Heat Transfer during Charging a Carbon Fiber Reinforced Plastic Pressure Vessel Peter Woodfield, Griffith University
14:20-14:40	Pooling Boiling on a Biphilic Surface Biao Shen, Kyushu University

14:40-14:50	Break
-------------	--------------

14:50-15:30	Chair:
14:50-15:10	Waste Heat Utilization by Adsorption Heat Pumps Takahiko Miyazaki, Kyushu University
15:10-15:30	T-type Raman Spectroscopy Method for Determining Laser Absorptivity, Thermal Conductivity and Air Heat Transfer Coefficient of Micro/Nano Fibers Qinyi Li, Kyushu University

15:30-17:00	Laboratory Tour
-------------	------------------------
