

The First International Symposium of Integrated Research and Education Center for Energy Conversion, Storage, Saving, and Transport Technologies

The 2nd International Symposium of Research and Education Center
for Advanced Energy Materials, Devices, and Systems

November 27-28, 2014

Chikushi Hall, Chikushi Campus, Kyushu University, Kasuga, Fukuoka, Japan

Organized by

Research and Education Center for Advanced Energy Materials, Devices, and Systems,
Kyushu University

Co-organized by

Research and Education Center of Carbon Resources, Kyushu University

Green Asia Education Center, Kyushu University

Institute for Materials Chemistry and Engineering, Kyushu University

Research Institute for Applied Mechanics, Kyushu University

Faculty of Engineering Sciences, Kyushu University

Time Table

Thursday, November 27

09:15 - 09:30 Opening Address

Prof. Hideo Nagashima (Director, Research and Education Center for Advanced Energy
Materials, Devices, and Systems, Kyushu University, Japan)

Carbon Resources Session

09:30 - 10:15 “Biochar in Bioenergy and Bio-refineries – Potential Integration and Synergies”

Dr. Ondrej Masek (University of Edinburgh, UK)

10:15 - 11:00 “Coal as a Carbon and Energy Resources: Processing of Metallic Mineral for Improving
Its Added Value”

Dr. Anggoro Tri Mursito (LIPI, Indonesia)

11:00 - 11:15 *Coffee Break*

11:15 - 12:00 “Development of ORR Catalysts for PEM Fuel Cells”

Prof. Kim Hansung (Yonsei University, Korea)

12:00 - 13:30 *Lunch Break*

Thursday, November 27 (continued)

13:30 - 14:15 “Resource Utilization and Initiatives for Green Technology Development”
Prof. Maria Natalia Roxas-Dimaano (University of Santo Tomas, Philippines)

14:15 - 15:00 “Digital Grid for Future Electric Power Supply”
Prof. Rikiya Abe (The University of Tokyo, Japan)

15:00 - 15:15 *Coffee Break*

Advanced Energy Session 1

15:15 - 16:00 “Development of New Floating Platform for Offshore Renewable Energy”
Prof. Changhong Hu (Research Institute for Applied Mechanics,

16:00 - 16:45 “Ocean Thermal Energy Conversion as New Stage in Japan and the World
-toward the stable energy in renewable energy”
Prof. Yasuyuki Ikegami (Institute of Ocean Energy, Saga University, Japan)

Friday, November 28

Advanced Energy Session 2

09:00 - 09:45 “Recent Progress for Room-Temperature Stationary Sodium-Ion Batteries”
Prof. Yong-Sheng Hu (Institute of Physics, Chinese Academy of Sciences, China)

09:45 - 10:45 Keynote Lecture

“Course of Invention of the Lithium Ion Battery and Recent Technology”
Dr. Akira Yoshino (General Manager, Yoshino Laboratory, Fellow,
Asahi Kasei Corp., Japan)

10:45 - 11:00 *Coffee Break*

11:00 - 11:45 “Thermoelectrics—Dream Technology to Generate Electricity Directly from Heat”
Prof. Kunihito Koumoto (Nagoya University, Japan)

11:45 - 12:00 Closing Remarks

Point of Contacts:

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