

Friday Morning, November 2

08:45 - 10:00	<p>Symposium Opening</p> <p>Opening Addresses</p> <p><i>Prof Hideo NAGASHIMA (Kyushu Univ., Japan),</i> <i>Prof Yanging WU (Shanghai Jiao Tong Univ., China),</i> <i>Prof Sudarto NOTOSISWOYO (Inst. Technol. Bandung, Indonesia),</i> <i>Dr Doo-hwan JUNG (Korea Inst. Energy Research, Korea),</i> <i>Prof Yong-Gun SHUL (Yonsei Univ., Korea),</i> <i>Prof San Ping JIANG (Curtin Univ., Australia),</i> <i>Dr Satish Ramchandra WATE (CSIR-NEERI, India),</i> <i>Prof Kim Choon NG (National Univ. of Singapore, Singapore),</i> <i>Prof Visit VAO-SOONGNERN (Suranaree Univ. of Technol., Thailand),</i> <i>Prof Skorn MONGKOLSUK (Mahidol Univ., Thailand),</i> <i>Prof Megat JOHARI (MJIIT, Univ. Teknol. Malaysia, Malaysia),</i> <i>Prof Nilesh J. VASA (Indian Inst. of Technol. Madras, India)</i> <i>Prof Akira HARATA (Kyushu Univ., Japan)</i></p>	<i>Chikushi Hall, C-Cube</i>
10:00 - 10:10	Break	
10:10 - 10:50	<p>Special Lecture</p> <p>UN Climate Change Negotiations and Creation of Low Carbon Society</p> <p><i>Masahiko HORIE, Ambassador for Global Environmental Affairs, Professor, Meiji University, Japan</i> <i>Chair: Hideo NAGASHIMA, Kyushu University, Japan</i></p>	<i>Chikushi Hall, C-Cube</i>
10:55 - 12:30	<p>Keynote Lectures</p> <p>10:55 - 11:40 An Overview of Research Activities at Fuels & Energy Technology Institute – From Biomass to Fuel Cells [KN1] <i>San Ping JIANG, Curtin University, Australia</i> <i>Chair: Jun-ichiro HAYASHI, Kyushu University, Japan</i></p> <p>11:45 - 12:30 Use of Organic Carbon as a Remediation Material for Contaminated Groundwater [KN2] <i>David BLOWES, University of Waterloo, CANADA</i> <i>Chair: Tsuyoshi HIRAJIMA, Kyushu University, Japan</i></p>	<i>Chikushi Hall, C-Cube</i>
12:30 - 13:15	Lunch	

Friday Afternoon, November 2

13:15 - 13:55	<p>Invited Lecture</p> <p>Japan's National Greenhouse Gas Emissions — How to Estimate the Emissions in the Commitment Period under the Kyoto Protocol — [IN1]</p> <p><i>Yuriko HAYABUCHI, Kyushu University, Japan</i> <i>Chair: Toshihiko TAKEMURA, Kyushu University, Japan</i></p>	<i>Chikushi Hall, C-Cube</i>
14:00 - 14:45	<p>Keynote Lecture</p> <p>Thermoelectric Power Generation for Waste Heat Recuperation Aiming at Green Innovation in Japan and Asia [KN3]</p> <p><i>Michitaka OHTAKI, Kyushu University, Japan</i> <i>Chair: Shigeto Okada, Kyushu University, Japan</i></p>	<i>Chikushi Hall, C-Cube</i>
14:45 - 15:00	Break	
15:00 - 15:45	<p>Keynote Lecture</p> <p>Computable General Equilibrium Analyses of Global Economic Impacts and Adaptation for Climate Change [KN4]</p> <p><i>Toyoaki WASHIDA, Sophia University, Japan</i> <i>Chair: Toshiyuki FUJITA, Kyushu University, Japan</i></p>	<i>Chikushi Hall, C-Cube</i>
15:50 - 18:00	<p>Session 5: Environmental Economics in Asia</p> <p><i>Chair: Toshiyuki FUJITA, Kyushu University, Japan</i></p> <p>15:50 - 16:20 Linkage of Municipal Emissions Trading Schemes across Asia: Its Benefits and Possibility [IN2] <i>Kenichi IMAI, The International Centre for the Study of East Asian Development, Japan</i></p> <p>16:25 - 16:55 Eco-Industry and Environmental Policy: Emission Tax and Patent Licensing [IN3] <i>Sang-Ho LEE, Chonnam National University, Korea</i></p> <p>17:00 - 18:00 Panel Discussion</p>	<i>Chikushi Hall, C-Cube</i>
18:00 - 20:00	Poster Session 1 (General + Session 5) and Evening Mixer	<i>3rd floor, C-Cube</i>

Saturday Morning, November 3

09:00 - 09:45	<p>Keynote Lecture Hydrogen Production from Water on Heterogeneous Photocatalysts [KN5] <i>Kazunari DOMEN, The University of Tokyo, Japan</i> <i>Chair: Yasutake TERAOKA, Kyushu University, Japan</i></p>	<p><i>Chikushi Hall, C-Cube</i></p>
09:45 - 10:00	<p>Break & Moving</p>	
10:00 - 12:30	<p>Parallel Sessions <i>301/303, C-Cube</i> Session 1: Efficient Utilization of Carbon Resources and Low-carbon Processes <i>Chair: Jun-ichiro HAYASHI, Kyushu University, Japan</i></p> <p>10:05 - 10:35 Co-utilization of Coal and Biomass for Syngas Production: Interaction between Coal-Char and Biomass-Derived Volatile [IN4] <i>Prapan KUCHONTHARA, Chulalongkorn University, Thailand</i></p> <p>10:40 - 11:10 Challenges and Recent Advances in Biochar Production and Utilisation [IN5] <i>Ondřej MAŠEK, University of Edinburgh, UK</i></p> <p>11:15 - 11:45 Development of Detailed Kinetic Mechanisms from First Principle Calculations with Application to Biomass Chemistry [IN6] <i>Hans-Heinrich CARSTENSEN, Ghent University, Belgium</i></p> <p>11:50 - 12:20 Advanced Carbon Materials for Removal and Recycling of H₂S [IN7] <i>Wenming QIAO, East China University of Science and Technology, China</i></p>	<p><i>Chikushi Hall, C-Cube</i> Session 2: Materials and Devices for Cleaner Generation and Saving of Energy <i>Chair: Hideo NAGASHIMA, Kyushu University, Japan</i></p> <p>10:05 - 10:35 Why We Need to Follow the Moon? The New Stage of the Distributed Computing [IN8] <i>Yutaka YASUDA, Kyoto Sangyo University, Japan</i></p> <p>10:40 - 11:10 Adsorption Desalination and Cooling: An Emerging Low Cost Method [IN9] <i>Kim Choon NG, National University of Singapore, Singapore</i></p> <p>11:15 - 11:45 Sweet Power - Harnessing Energy from Sugars [IN10] <i>Bor Yann LIAW, University of Hawaii, USA</i></p> <p>11:50 - 12:20 Prospective View of Organic Photovoltaic Cells [IN11] <i>Katsuhiko FUJITA, Kyushu University, Japan</i></p>
12:30 - 14:30	<p>Lunch & Poster Session 2 (Session 1-4)</p>	
		<p><i>3rd floor, C-Cube</i></p>

Saturday Afternoon, November 3

14:30 - 17:00	<p>Parallel Sessions 301/303, C-Cube Session 3: Environmental Materials and Devices <i>Chair: Yasutake TERAOKA, Kyushu University, Japan</i></p> <p>14:35 - 15:05 3D Electron Microscopy - Application to Advanced Energy Related Materials Developments [IN12] <i>Mitsuhiro MURAYAMA, Virginia Polytechnic Institute and State University, USA</i></p> <p>15:10 - 15:40 Oxides Gets Environmentally-friendly [IN13] <i>Nini PRYDS, Technical University of Denmark, Denmark</i></p> <p>15:45 - 16:15 Defect Manipulation towards a Sustainable Energy Future [IN14] <i>Yoshihiro YAMAZAKI, California Institute of Technology, USA</i></p> <p>16:20 - 16:50 Transport Sector Air Pollution with special reference to CO₂ Emission: Congestion Model [IN15] <i>Rakesh KUMAR, Council of Scientific and Industrial Research - National Environmental Engineering Research Institute, India</i></p>	<p><i>Chikushi Hall, C-Cube</i> Session 4: Resource Management and Environmental Protection <i>Chair: Tsuyoshi HIRAJIMA, Kyushu University, Japan</i></p> <p>14:35 - 15:05 Geothermal Energy Development and Its Future [IN16] <i>Ryuichi ITOI, Kyushu University, Japan</i></p> <p>15:10 - 15:40 Electricity Generation in Remote and Isolated Areas Using Local Small and Low Calorie Coal Resources in Indonesia [IN17] <i>Sudarto NOTOSISWOYO, Institute of Technology Bandung, Indonesia</i></p> <p>15:45 - 16:15 Sustainable Economic Growth and Mineral Resources [IN18] <i>Kenji SAWADA, Japan Oil, Gas and Metals national Corporation, Japan</i></p> <p>16:20 - 16:50 Environmental Friendly Oil & Gas Development : It's Concept and Recent Technical Activity of JOGMEC [IN19] <i>Komei OKATSU, Japan Oil, Gas and Metals national Corporation, Japan</i></p>
17:00 - 17:15	Break & Moving	
17:15 - 18:30	Students' Presentations by Group Leaders & Closing	

Chikushi Hall, C-Cube