

The 10th International Symposium on Novel Carbon Resource Sciences

Program

December 2 (Mon), 2013

- 09:00 - 09:05 **Opening Address** *Chikushi Hall, C-Cube*
Prof. Hideo NAGASHIMA, Kyushu University, Japan
- 09:05 - 09:45 **Invited Lecture** *Chikushi Hall, C-Cube*
"Green Fuels and Energy from Biomass: Research & Development in Fuels and Energy Technology Institute in Curtin University" [IN1]
Dr. Xun HU, Curtin University, Australia
Chair: Prof. Jun-ichiro HAYASHI, Kyushu University, Japan
- 09:45 - 10:25 **Invited Lecture** *Chikushi Hall, C-Cube*
"After Treatment System in Heavy Duty Diesel Vehicle Pollution Control" [IN2]
Prof. Hong HE, Chinese Academy of Sciences, China
Chair: Prof. Yasutake TERAOKA, Kyushu University, Japan
- 10:25 - 10:40 **Break**
- 10:40 - 11:20 **Invited Lecture** *Chikushi Hall, C-Cube*
"High Temperature Thermoelectric Materials and Devices for Waste Heat Recovery" [IN3]
Dr. Ngo Van NONG, Technical University of Denmark, Denmark
Chair: Prof. Michitaka OHTAKI, Kyushu University, Japan
- 11:20 - 12:00 **Invited Lecture** *Chikushi Hall, C-Cube*
"The Development of Wind Energy Technology" [IN4]
Dr. Peter JAMIESON, University of Strathclyde, United Kingdom
Chair: Prof. Shigeo YOSHIDA, Kyushu University, Japan
- 12:00 - 13:50 **Lunch & Poster Session** *3rd Floor, C-Cube (Poster Session)*
- 13:50 - 14:30 **Invited Lecture** *Chikushi Hall, C-Cube*
"Synthetic and Modified Clays for Uptake of Nuclear Waste Ions" [IN5]
Prof. Sridhar KOMARNENI, The Pennsylvania State University, United States
Chair: Prof. Keiko SASAKI, Kyushu University, Japan
- 14:30 - 16:00 **Preparation of Student Session (Group Discussion)** *Chikushi Hall, Room 310 & 610, C-Cube*
- 16:00 - 17:30 **Student Session (Presentations by Students) & Closing** *Chikushi Hall, C-Cube*

Poster Session

(Obligation Time: Odd Numbers 12:10-12:50; Even Numbers 13:00-13:40)

Poster Code	Title of paper
P01	Surface Subsidence Analysis due to Longwall Mining by using Physical Model <i>Tri KARIAN, Kyushu University, Japan</i>
P02	A Configuration of Capacitive Touch Electrodes to Realize Multi-Stylus Inputs <i>Kyuwon KYOUNG, Kyushu University, Japan</i>
P03	Magnetism of Cr-doped Nanodiamond Powder Prepared by A Coaxial Arc Plasma Gun <i>Hiroshi NARAGINO, Kyushu University, Japan</i>
P04	Hydrochemical Study of Thermal Water in Cidanau Geothermal Field, West Java, Indonesia <i>Boy Yoseph CSS SYAH ALAM, Kyushu University, Japan</i>
P05	Condensation and Pool Boiling of R134a and R1234ze(E) on a Horizontal Plane Tube <i>Ryuichi NAGATA, Kyushu University, Japan</i>
P06	Nanofibrous Ag-CeO ₂ Catalyst for Diesel Soot Combustion <i>Chanmin LEE, Kyushu University, Japan</i>
P07	Development of Computer Simulated Person Integrated Thermo-Regulation and Respiratory Air Tract Models for IEQ Assessment <i>Sung-Jun YOO, Kyushu University, Japan</i>
P08	Synthesis and Stereochemical Study of 1 ⁶ -Substituted 3-Aza-5-[7]orthocyclophene <i>Yusuke HATAYAMA, Kyushu University, Japan</i>
P09	Preparation of layered double hydroxide in the filter paper for borate removal <i>Xinhong QIU, Kyushu University, Japan</i>
P10	Optical Measurement of Steric Effects in the Formation of Complexes of Anion Receptors: Comparison of Methylene and Disulfide <i>Kentaro TOMITA, Kyushu University, Japan</i>
P11	Planar Chiral 5-[7]Orthocyclophene <i>Kouhei MACHIDA, Kyushu University, Japan</i>
P12	Molecular Self-assembly on CVD Graphene <i>Yui OGAWA, Kyushu University, Japan</i>
P13	Shape Factor Evaluation for Geothermal Reservoir Simulation <i>ADRIANTO, Kyushu University, Japan</i>
P14	The Effect of Transition Metal Addition on the Ionic Properties of Proton Conducting Perovskites <i>Young Sung LEE, Kyushu University, Japan</i>
P15	One-pot Synthesis of Triptycenes from Benzyne <i>Satoshi UMEZU, Kyushu University, Japan</i>
P16	Asymmetric Synthesis of Chiral Organosilane: Enantioselective Hydrosilylation of Dihydrosilane with Alkyne <i>Daisuke YOSHIHIRO, Kyushu University, Japan</i>
P17	Effect of Suspended Particle Concentration in the Permeability of a Porous Medium in a Silica Scaling Experiment <i>Loren TUSARA, Kyushu University, Japan</i>
P18	Petrogenesis of Early Yanshanian Granites in the Central Nanling Region, South China: Bearings on Tectonic and Metallogenic Processes <i>Huan LI, Kyushu University, Japan</i>

Poster Code	Title of paper
P19	Synthetic Studies of Xanthanolides and its Biological Probes <i>Shigenobu FUJIMOTO, Kyushu University, Japan</i>
P20	Geochemical and Petrologic features of the Dykes from the Central Part of Rogozna Mountain, Southwestern Serbia <i>Zhivko BUDINOV, Kyushu University, Japan</i>
P21	Optical Mode Converter Using Multi-Mode Interference Structure <i>Yutaka CHAEN, Kyushu University, Japan</i>
P22	Protonic Ceramic Fuel Cell Performance of Using Nano-Particle Cathode Material by Bead-Milling Method <i>Hiroyuki ODA, Kyushu University, Japan</i>
P23	Control of Reversible Photothermal Phase Transition of Chiral Liquid Crystal Using Structural Change of Chiral Dopants with Anthracene Units <i>Hiroya NISHIKAWA, Kyushu University, Japan</i>
P24	Low Temperature Gasification of Potassium-Catalyzed Lignite in a Two-Stage Moving and Fixed Bed Reactor <i>Hua YANG, Kyushu University, Japan</i>
P25	Anode Properties of Tin Based Oxides for Sodium-Ion Batteries <i>Ying-Ching LU, Kyushu University, Japan</i>
P26	Induced Stress on Decline of Cut and Fill Mining Method <i>PURWANTO, Kyushu University, Japan</i>
P27	Numerical Quantitative Analysis on the Effect of Deep Protective Mining Induced by Coal Thickness and Rock Properties <i>Mingwei ZHANG, Kyushu University, Japan</i>
P28	Design of Boundary Pillar and Application of Longwall Method in Transition from Open Pit to Underground Mining <i>Nayzar LIN, Kyushu University, Japan</i>
P29	Critical Ignition Temperatures Measurement and Analysis of Coal Samples <i>Yongjun WANG, Kyushu University, Japan</i>
P30	Surface Modification of Graphite Using Coal Tar Pitch with Different Softening Points as Anode Material for Li-Ion Battery <i>Yu-Jin HAN, Kyushu University, Japan</i>
P31	Characterization of Mechanochemically Synthesized La-Fe-Pd Perovskites by Pd K- and L ₃ -Edge X-RAY Absorption Spectroscopy <i>Tomoki UCHIYAMA, Kyushu University, Japan</i>
P32	Analysis of Pretension Force of Bolt and its Application in Gob-Side Entry Driving in Guqiao Coal Mine <i>Deyu QIAN, Kyushu University, Japan</i>
P33	Removal of Alkali and Alkaline Earth Metallic Species of Rice Husk by Bio-Oil Leaching <i>KARNOWO, Kyushu University, Japan</i>
P34	Near-Infrared Luminescence from the Stress-Activated Perovskite Oxides <i>Sunao KAMIMURA, Kyushu University, Japan</i>
P35	Synthesis of Mononuclear (TACN)Fe Complexes Having Weakly Coordinated Solvent and Application to Atom Transfer Radical Polymerization <i>Soichiro NAKANISHI, Kyushu University, Japan</i>
P36	Geotechnical issues of Narynsukhait Coal Mine <i>Tsedendorj AMARSAIKHAN, Kyushu University, Japan</i>
P37	Effect of Pressure and Gaseous Atmosphere on Primary Pyrolysis of Loy Yang Brown Coal <i>Chengyi LI, Kyushu University, Japan</i>

Poster Code	Title of paper
P38	CVD Growth of Graphene Nanoribbons on Cu/MgO(100) Substrate <i>Rozan MOHAMAD YUNUS, Kyushu University, Japan</i>
P39	Quantitative Analysis of Pyrolysis Products and a Temperature Scheme for Pyrolysis of Lignin <i>Huamei YANG, Kyushu University, Japan</i>
P40	Reservoir Estimation of the Low Enthalpy North Western Algerian Geothermal System <i>Mohamed BELHAI, Kyushu University, Japan</i>
P41	Modulation Instability and Breathing Motion in the Two-Dimensional Nonlinear Schrödinger Equation with a Channel Potential <i>Yusuke KAGEYAMA, Kyushu University, Japan</i>
P42	Properties of 6,6'-Fluorinated Binaphthyl Compounds in Fluorinated Nematic Liquid Crystal <i>Kota KAKISAKA, Kyushu University, Japan</i>
P43	Experimental Study and Numerical Simulation of Foamy Oil <i>Chanmoly OR, Kyushu University, Japan</i>
P44	Geochemistry and Fluid Inclusion Characteristics of Rorah Kadal Prospect in Cibaliung Gold Deposit, Western Java, Indonesia <i>Agus Didit HARYANTO, Kyushu University, Japan</i>
P45	Electrochemical of P2-type $\text{Na}_{2/3}\text{Fe}_x\text{Mn}_{1-x}\text{O}_2$ for Na-Ion Batteries <i>Jie ZHAO, Kyushu University, Japan</i>
P46	Elastic Modulus of the Gel Made from Interpenetrating Polymer Networks in Phase Separated State <i>Zhe XU, Kyushu University, Japan</i>
P47	Geochemical Constraints Relating to Fluids of the Kago Low-Sulfidation Deposit and Surrounding High-Sulfidation Deposits, Southern Kyushu, Japan <i>Thomas TINDELL, Kyushu University, Japan</i>
P48	First Demonstration of Liquid Concentration Measurement by Using Silica High-Mesa Waveguide <i>Hirohito HOKAZONO, Kyushu University, Japan</i>
P49	Development of an Fe(II) Complex Exhibiting Spin Transition Actuated by Electric-Field-Induced Proton Transfer <i>Takumi NAKANISHI, Kyushu University, Japan</i>
P50	Fe^{3+} -Modified SnO_2 Semiconductor Gas Sensor for Gas Detection under Humid Condition <i>Joong-Ki CHOI, Kyushu University, Japan</i>
P51	Controls on Gold- Base-Metal Sulfide Mineralization, at Gabal Abu Houdeid Area, South Eastern Desert, Egypt <i>Waleed Saad Ahmed IBRAHIM, Kyushu University, Japan</i>