



Ajou-Kyoto Joint Symposium on Energy Science PROGRAM



Time	Event	Note
09:00~09:30	Registration	Jonghap Hall 104
09:30~09:40	Opening Remarks Prof. Kihong Kim (Ajou University) Prof. Keiichi Ishihara (Kyoto University)	Jonghap Hall 104
09:40~09:55	<i>Fullerene thin films applied to ODS steels</i> <u>Daniel Morrall</u> (Kyoto University)	
09:55~10:10	<i>Directional slanted plasma etching of silicon</i> <u>Jun-Hyun Kim</u> (Ajou University)	
10:10~10:25	<i>Control of the physical properties of carbon nanofibers obtained from coaxial electrospinning of PAN and PMMA with adjustable inner/outer nozzle ends</i> <u>Navaporn Kaerkitcha</u> (Kyoto University)	
10:25~10:40	<i>Gasification characteristics of Indonesian sub-bituminous coal under different atmospheres</i> <u>ShuMin Fan</u> (Ajou University)	
10:40~11:00	Coffee break	
11:00~11:15	<i>Heterologous expression and structure-activity relationship analysis of the oxidative enzymes involved in lignocellulose degradation from wood rotting fungi</i> <u>Meng-I Lin</u> (Kyoto University)	
11:15~11:30	<i>Peat-to-Dimethyl ether technology as an alternative to motor transportation fuel: An environmental impact assessment in Rwanda</i> <u>Jean de Dieu K. HAKIZIMANA</u> (Ajou University)	
11:30~11:45	<i>Synthesis of Cyclic and Acyclic Carbonates using CO₂ and CO₂ derivative</i> <u>Yu Na Lim</u> (Ajou University)	
11:45~12:00	Group Photo	
12:00~13:15	Lunch	Jonghap Hall 12 th floor
13:15~14:30	Poster Session	Jonghap Hall Lobby

Time	Event	Note
14:30~14:45	<i>Mode-locked, Tm-doped, all-fiber laser oscillator with 6 nJ pulse energy using monolayer graphene saturable absorber</i> <u>Hwanseong Jeong</u> (Ajou University)	
14:45~15:00	<i>Effect of Local Cell Reaction on the cell performance of Lead Acid Battery</i> <u>Taichi Iwai</u> (Kyoto University)	
15:00~15:15	<i>Control of defects in anatase TiO₂ nanocrystals and Observation of enhanced photocatalytic degradation rates of methylene blue in aqueous solution</i> <u>Xiaomei Yu</u> (Ajou University)	
15:15~15:30	<i>High-power THz vortex Generation and Spectroscopy</i> <u>Bong Joo Kang</u> (Ajou University)	
15:30~15:50	Coffee Break	
15:50~16:05	<i>Lithium Intercalation into Hexagonal Boron Nitride and Graphite by Mechanical Milling and Heat Treatment</i> <u>Jungryang Kim</u> (Kyoto University)	
16:05~16:20	<i>Terahertz Metamaterials Applications in Sensing Microorganisms</i> <u>Sae June Park</u> (Ajou University)	
16:20~16:35	<i>Green Deposition of Pd Nanoparticles on WO₃ for Optical, Electronic and Gasochromic Hydrogen Sensing Applications</i> <u>Shankara S. Kalanur</u> (Ajou University)	
16:35~16:45	Closing Remarks	