

SECTION CE: CHEMICAL TECHNOLOGY & ENGINEERING

Session Chair	Room CE
Prof. Narantsetseg M.	Click here to join the meeting

Time	Presentations
13:00-13:15 CE01	Adsorption of lanthanides from Aqueous Solution by EDTA-Chitosan Modified with Zeolite Imidazole Framework (ZIF-8) <u>NAOKI KANO</u> , Sihan Feng, Xiaoyu Du, Haixin Zhang, Munkhpurev Bat-Amgalan, Zoltuya Khashbaatar, Naoto Miyamoto, Hee-Joon Kim Faculty of Engineering, Niigata University, Japan
13:15-13:30 CE02	Development of a Novel Machine Capable of Simultaneously Dispersing and Orienting Nanoparticles in molten polymer and its applications <u>ILCHGEREL DASH</u> Department of Chemical Engineering, School of Applied Sciences Mongolian University of Science and Technology, Mongolia
13:30-13:45 CE03	Influence of Nanodispersed Metal Powders on Motor Oil Destruction <u>NAZARENKO OLGA</u> , Zadorozhnaya T.A., Soloviev N.N. Department of Testing and Diagnostics, Tomsk Polytechnic University, Russian Federation
13:45-14:00 CE04	Preparation of Nanoporous Tungsten by Liquid Metal Dealloying <u>GERELMAA KHUCHITBAATAR</u> , Delgermaa M., Hidemi Kato School of Mechanical Engineering and Transportation Mongolian University of Science and Technology, Mongolia
14:00-14:15 CE05	Nasicon Solid Electrolytes for Battery Applications <u>ENKHTSETSEG DASHJAV</u> , Qianli Ma, Frank Tietz Institute of Energy and Climate Research, Materials Synthesis and Processing, Forschungszentrum Jülich GmbH, Germany
14:15-14:30	Break time
14:30-14:45 CE06	The Comparative Study of Pyrolysis and Combustion Process for Mongolian Biomass and Brown coal <u>ZOLTUYA KHASHBAATAR</u> , Hee-Joon Kim, Naoki Kano, Tsendee Bayartsaikhan, Magsarjaw Narantsetseg Graduate School of Science and Technology, Niigata University, Japan
14:45-15:00 CE07	The Interaction Between Groundwater and Surface Water in the Tuul River Basin Near Ulaanbaatar <u>ODSUREN BATDELGER</u> , Maki Tsujimura, Byambasuren Zorigt, Togtokh Enkhjargal Institute of Geography and Geocology, Mongolian Academy of Sciences, Mongolia
15:00-15:15 CE08	Core Cation-Tuned Hierarchical MCo₂O₄@Ni(OH)₂ (M = Zn Or Mn) Core@Shell Architecture Electrode Materials for Advanced Asymmetric Solid-State Supercapacitors <u>ERDENEBAYAR BAASANJAV</u> , Parthasarathi Bandyopadhyay, Sang Mun Jeong Department of Chemical Engineering, Chungbuk National University, South Korea
15:15-15:30 CE09	The Chloro-Substituent Enhances Performance of 2,4-Bis (Imino) Pyridylchromium Catalysts Yielding Highly Linear Polyethylene <u>BADRAL GANSUKH</u> Department of Chemical Engineering, School of Applied Sciences Mongolian University of Science and Technology, Mongolia
15:30-15:45 CE10	The Application of Biodegradable Bag for Tree Nursery Plantation by Using the Wet Methodology <u>TAL MAKARA</u> Institute of Forest and Wildlife Research and Development, Cambodia