

Session 4: Sustainable Energy and Environmental Technologies	
13:45-14:45	Chair: Assoc. Prof. Shusaku Asano Co-Chair: Prof. Hao Liu
13:45	Invited speaker: Dr.Habiburrahman Zulfikri (UI) <i>Intermetallic catalysts for CO₂ utilization and energy storage</i>
14:00	Invited Speaker: Assoc. Prof. Yun Qiao (Shanghai) <i>Optimization and Performance Study of Prussian Blue Cathode and Electrolyte for Sodium-Ion Batteries</i>
Session 5: Advanced Catalysis, Materials, and Nanotechnology	
14:15	Invited speaker: Prof. Yoshiko Miura (KU) <i>Immobilized catalysts with porous polymers for the continuous flow syntheses</i>
14:30	Invited speaker: Asst. Prof. Seho Sun (YNU) <i>Anode Structure Engineering for All Solid State Batteries</i>
14:45	Invited speaker: Dr. Sorapat Niyomsin (CU) <i>Effect of Poly(butylene-co-isosorbide succinate) block Copolyester/Random copolyester on Biodegradable Plastics</i>
15:00	Break
Session 6-1: Student's Oral Presentation	
15:15-17:00	Chair: Asst. Prof. Ampira Charoensaeng Co-Chair: Assoc. Prof. Minkyu Kim
15:15	Ms. Alaa Magdy Saad (YNU, Ph.D. student) <i>Novel Mn doped CoO@rGO as a heterogeneous catalyst for activation of Peroxymonosulfate for organic dye degradation</i>
15:25	Ms. Sanfun Limprapaipong (CU, Ph.D. student) <i>Organic-Free Synthesis of Pure FAU Zeolite via Dry-Gel Conversion for Thiophene and Benzothiophene Adsorption</i>
15:35	Mr. Dohyeon Kim (YNU, MS student) <i>Investigation of Dry Reforming of Methane in Molten Manganese Chloride Mixtures</i>
15:45	Ms. Yuna Song (YNU, MS student) <i>Ammonia Decomposition over Mono- and Bimetallic Catalysts: A Combined Computational and Experimental Study</i>
15:55	Mr. Apri Wahyudi (CU, Ph.D. student) <i>Exploring the potential of graph neural network for computer-aided solvent design: a case on aqueous amine-CO₂ system</i>
16:05	Ms. Yunji Jeong (YNU, MS student) <i>In-situ Formation of a LiF-Rich Solid-Electrolyte Interphase via Fluorine–Nitrogen Co-Doped Carbon for Stabilizing Lithium Metal Anodes</i>