PART 3					
13.00–13.45	**Plenary Speaker 2** "....." **Room:** Mandarin A **Chair:**				
	PETROMAT Session Room: Mandarin A	**Session 2:** Advanced Materials Innovation: Design meets Application Room: Budsaba Chair: Dr. Bhumin Than-ardna, PPC	**Session 1:** Unleashing Feedstock Potential-Cutting- Edge Catalysis for Accelerated Conversion Room: Rodsukon Chair: Assoc. Prof. Chanatip Samart, TU (Thammasat University)	**Session 3:** Energy Landscape Transformation-Renewable Generation, Storage, and Conversion Room: Karaked Chair: Dr. Manunya Okhawilai (MMRI, Chulalongkorn University)	**Session 5:** Towards a Low Carbon Future-Technological Solutions for CCUS, Decarbonization and Circular Economy Room: Pornphairin Chair: Prof. Suttichai Assabumrungrat (Chemical Engineering, Chulalongkorn University)
13.45–14.15	"Foresight and Challenges for the Development of Industrial Biocatalysis production in Thailand" **Speakers:** **Dr. Kongkiat Suriye,** from GRD Co., Ltd. **Dr. Pongtanawat Khemthong,** from NANOTECH, NSTDA **Dr. Sanchai Kuboon,** from NANOTECH, NSTDA **Dr. Sanya Boonyasuwat,** from Verasuwan Co., Ltd. **Prof. Tawan Sooknoi**, from King Mongkut's Institute of Technology Ladkrabang **Moderator:** **Dr. Natthapong Sueviriyapan** from The Petroleum and Petrochemical College	"Effect of Chain Architecture on the Biodegradability and Mechanical Properties of Biodegradable Copolymers of L-Lactide." **Professor Yong Ku Kwon,** Inha University	"Lignin is an alternative feedstock to fossil resources" **Prof. Yasumitsu Uraki** Hokkaido University	"Navigating Energy Transition: Insights from Petrovietnam and some R&D working" **Dr. Duong Chi Trung** PetroVietnam University	"....." **Assoc. Prof. Zhenyuan Yin** Tsinghua Shenzhen International Graduate School, University Town of Shenzhen
14.15–14.30		"Steam Activation for Waste Tires Carbonization" **Napatsorn Timasart, CU** AMO-3	"Steering the PVC Industry and Scaling up PVC Value Chain Towards the Circular Economy in Thailand" **Jitima Prechawong, PPC** UFO-1	"Advanced Hybrid Material (Biochar/MOFs) for Hydrogen Storage in Light Duty Vehicle Application: Synthesis and Characterization" **Samson Bamidele Akindoyea,** CU ELO-2	"Hydrate based CO2 sequestration: Hydrate formation/dissociation kinetics employing flue gas in presence of amino acids" **Asst. Prof. Hari Prakash Veluswamy** Indian Institute of Technology Roorkee
14.30–14.45		"Activated Carbon Nanofiber from single step alkali activation of PAN electrospun nanofiber" **Yasir Anwar, CU** AMO-5		"Techno-economic analysis of bioethylene production from bioethanol" **Napat Praphantwong, CU** ELO-3	
14.45–15.00		"The potential for recycling blended poly(vinyl chloride) waste derived from construction waste and used footwear for the promoting a circular economy" **Aung Kyaw Moe, PPC** AMO-4	"Advancing circularity for PVC in the healthcare sector" Jirasuta Chungprempree, PPC UFO-2	"Carbon dioxide (CO2) methanation over nickel/mesoporous silica supported catalyst derived from fly ash" **Thanik Lertnopsakul, PPC** TLO-2	"Rotating packed beds for CO2 Capture: Efficiency Improvements and Cost Reduction Strategies" **Junwoo Shon,** Yeungnam University TLO-1
15.00–16.00		**Break**			
15.00-17.00	**Poster Presentation & Evaluation**				