

## SKY2025 Schedule

26-06-2025 (Thursday)      Room : Budsaba	
Session 1: Opening Ceremony and Keynote Speech	
10:10-12:00	Chair: Dr. Natthapong Sueviriyapan Co-Chair: Assistant Professor Ampira Charoensaeng
09:30	Registration
10:10	<b>Opening remarks: Prof. Pramoch Ransanvigit (CU)</b> <i>Dean of the Petroleum and Petrochemical College, Chulalongkorn University</i>
10:20	<b>Keynote speaker: Prof. Hao Liu (SHU)</b> <i>Rational Design of Porous Carbon Composites for Energy Storage and Conversion</i>
10:40	<b>Keynote speaker: Assoc. Prof. Shusaku Asano (KU)</b> <i>Continuous process enabling sustainable chemistry: automation, integration, and international collaboration</i>
11:00	<b>Keynote speaker: Prof. Woo Kyoung Kim (YNU)</b> <i>Designing Novel Photoanode Materials for Photoelectrochemical Water-Splitting</i>
11:20	<b>Keynote speaker: Prof. Misri Gozan (UI)</b> <i>Biorefinery-Driven Innovations in Lignocellulose-Based Blends: Toward Functional and Biodegradable Materials</i>
11:40	<b>Keynote speaker: Dr. Bhumin Than-ardna (CU)</b> <i>Advanced Hybrid MOFs Composites for CO<sub>2</sub> Adsorption Performance</i>
12:00	Lunch break
Session 2: Process Innovation & Digital Transformation	
13:00-13:30	Chair: Prof. Wook Young Kim Co-Chair: Prof. Misri Gozan
13:00	<b>Invited speaker: Assoc. Prof. Minkyu Kim (YNU)</b> <i>Methane pyrolysis and carbon formation mechanisms in molten manganese chloride mixtures</i>
13:15	<b>Invited Speaker: Dr. Hejingying Niu (Shanghai)</b> <i>Synthesis of <math>\alpha</math>-Al<sub>2</sub>O<sub>3</sub> Supports and its Application in Propane Dehydrogenation (PDH) Processes</i>
Session 3: Emerging Trends in Biotechnology	
13:30	<b>Invited Speaker: Asst. Prof. Yasuhiro Ikegami (KU)</b> <i>Nanofibrous Constructs with Growth Factor-Immobilizability for Tissue Engineering</i>