

Date : 13 Feb 2026				
Session : Industrial And Engineering Chemistry				
Room : G1				
Time	Presentation Code	Topic	Presenter	Section
08.30-08.55	IE-K-01	Development of Multifunctional Hydrophobic and Antimicrobial Kraft Paper via Metal Oxide Nanoparticle Coating through Sparking Process for Sustainable Active Packaging	Prof.Dr.Pornchai Rachtanapun	Oral 2 Chairman : Dr. Adisorn Tuantranont
08.55-09.20	IE-K-02	Avoiding Synthetic Plastics in Agriculture	Prof.Dr.Daniel V Murphy	
09.20-09.45	IE-K-03	Novel Graphene/CNT Synthesis from Wasted Gases and Carbon dioxide toward Net-Zero Carbon Society	Dr.Adisorn Tuantranont	
09.45-10.00	IE-O-01	SMART SPRAYS: Water-based, biodegradable films for agriculture	Dr.Alexandra Gulizia	
10.00-10.15	IE-O-02	Computational fluid dynamics simulation for freeze drying of Thai herbs	Ms.Supawan Amonpan	
10.15-10.30	IE-O-04	Modeling and Optimization of Non-Ideal Flow Tubular Reactors for Polybutylene Succinate Production	Ms.Soparat Jarukunpanich	

Poster Presentation I : 12 Feb 2026		
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Presentation Code	Topic	Presenter
IE-P-01	Modified Activated Carbon with TiO ₂ Photocatalyst for Remazol Red 3BS Dye Removal	Mr.Prechawit Tansaynee
IE-P-02	Valorization of Agricultural Waste: Production and Quantitative Analysis of 5-hydroxymethylfurfural from Ripen Mango Peels Using Extraction with Deep Eutectic Solvents	Ms.Wiracha Chomchoed
IE-P-03	Valorization of Agricultural Waste Cocoa Pod Husks: Pectin Extraction, Quantification, and Enzymatic Conversion to Galacturonic Acid	Mr.Saksith Sermsuwan
IE-P-04	Process Optimization and Scale-Up of Stannous Cold Kit for Tc-99m Red Blood Cell Labeling	Mrs.Thidarat Kohud

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IE-P-05	Improving cyclohexane production from benzene hydrogenation via plantwide control	Ms.Natthasini Sakulkittimasak
IE-P-06	Improvement of Wastewater Treatment Process from the Fischer-Tropsch Process Using Plantwide Control	Ms.Natthasuda Sakulkittimasak
IE-P-07	Predictive Analytics and Multi-Output Machine Learning for Rational Design of Biochar Properties and Yields	Dr.Natthapong Sueviriyapan