

School of Energy and Chemical Engineering

2025 Fall Semester Seminar Series

School		Place		Time	Instructor
School of Energy and Chemical Engineering		104-E206		Tue 16:00-17:15	Prof. Jungki Ryu

No.	Date	Speaker	Affiliation	Title	Host
1	09.02.	Jeyeop Joo Joohyun Park	UNIST	- Lab Safety - Human Rights Education	Dongik Kang
2	09.09.	Prof. Kwan-Young Lee	KIST	The Great Transition to the Hydrogen Era and the Importance of Chemical Hydrogen Storage Technology	Prof. Kwangjin An
3	09.16.	Prof. Myong-In Lee	UNIST	Living with Heat: Understanding the Causes and Challenges of Extreme Heat	Prof. Jungki Ryu Prof. Kwangjin An
4	09.23.	Prof. Jinwoo Lee	KAIST	Electrocatalyst Design and Interface Engineering toward Efficient Energy Conversion and Storage	Prof. Ji-Hyun Jang
5	09.30.	Dr. Tae-Jin Kim	SK Innovation	Development & Commercial Application of Isomerization Catalyst: Lube Base Oil Case	Prof. Kwangjin An
6	10.14.	Prof. Chang Hyuck Choi	POSTECH	Alkali Metal Cations: The Unsung Heroes of Electrocatalysis	Prof. Youngkook Kwon
7	10.28.	Prof. Minkee Choi	KAIST	Separately Storing Electrons and Protons at Ru Particles and Base Promoters to Facilitate Ammonia Synthesis	Prof. Kwangjin An
8	11.04.	Prof. Won-Hee Ryu	Sookmyung Women's Univ.	Gas-Phase Electrochemical Systems for Future-Ready Energy Storage	Prof. Jungki Ryu
9	11.11.	Prof. Su-Mi Hur	Chonnam Nat'l Univ.	When AI Learns the Context of Polymer Chemistry: The HAPPY Paradigm	Prof. Dong Woog Lee
10	11.18.	Prof. Seong-Ju Hwang	Yonsei Univ.	Interface- and Defect-Engineering of Energy-Functional 2D Nanostructured Materials	Prof. Ji-Hyun Jang
11	11.25.	Dr. Philseok Kim	SK Innovation	From Innovation to Impact: Advanced Energy Technologies for the Next Wave of Growth (with Insights from ARPA-E and SK Innovation)	Prof. Kwanyong Seo
12	12.02.	Prof. Yong-Young Noh	POSTECH	Development of High Performance P-type Semiconductors for AI Computing	Prof. Hyunhyub Ko
13	12.09.	Prof. Hye Ryung Byon	KAIST	Organic Redox Flow Batteries for Long-Duration Energy Storage	Prof. Jungki Ryu