

Hanyang University and ICAT Joint Research Symposium

Venue: Conference room at 5th floor, Institute for Catalysis (ICAT)

Chairs: Ken-ichi Shimizu (Hokkaido University),
Takashi Toyao (Hokkaido University)

Organiser: Hokkaido University

Date: July 16, 2025

Program

- 16:00-16:10 Prof. Kenichi Shimizu (Hokkaido University)
Opening address + Introduction of ICAT
- 16:10-16:20 Prof. Do Hwan Kim (Hanyang University)
Introduction of HYU-CHE
- 16:20-16:35 Prof. Takashi Toyao (Hokkaido University)
“Accelerated discovery of heterogeneous catalysts using machine learning approach”
- 16:35-16:50 Prof. Jeong Gil Seo (Hanyang University)
“Electrified Carbon Capture and Conversion”
- 16:50-17:05 Prof. Akihiko Anzai (Hokkaido University)
“Structure and activity of Cu-TiO₂ electrocatalyst for CO₂ reduction to CH₄”
- Coffee break
- 17:30-17:45 Prof. Youn Jeong Jang (Hanyang University)
“Interfacial Engineering with DMSO for Advancing Alcohol and Aldehyde Oxidation for Electrochemical HMFOR”
- 17:45-18:00 Prof. Kotaro Takeyasu (Hokkaido University)
“Mixed-potential-driven catalysis: From glucose oxidation to CO oxidation”
- 18:00-18:15 Prof. Kyeonghak Kim (Hanyang University)
“Computational design of exsolution catalysts for electrochemical reactions”
- 18:15-18:25 Closing remarks (Prof. Min Jae Ko and Prof. Ken-ichi Shimizu)
Group photo
- 19:15- Dinner (HOTEL MYSTAYS Sapporo Aspen 2F)