[TS12F6]

Nanomaterials and Emerging Technologies for CCU (NET-CCU) 2

Date & Time	July 10(Fri.), 2026 / 09:30–11:00
Place	Room 209A
Session Chair(s)	Prof. Jung Kyu Kim (Sungkyunkwan University)

TS12F6_I_1 ***Invited** 09:30–10:00

Atomic Clusters Catalysts for CO_2 Hydrogenation Using Liquid-Phase Atomic Layer Deposition

Seongmin Jin[1,2]
([1]Korea Institute of Science and Technology, [2]University of Science and Technology)

TS12F6_I_2 ***Invited** 10:00–10:30

Low-Power Tunable Micro-Plasma Device for Efficient and Scalable CO_2 Valorization

Bartu Karakurt[1,2], Hongkeng Zhu[1], Onder Soydal[1], Guangyu Sun[1], Jeremy S. Luterbacher[1], and Elison Matioli[1]
([1]École polytechnique fédérale de Lausanne, [2]Paul Scherrer Institute)

TS12F6_I_3 ***Invited** 10:30–11:00

Reactive Capture of CO_2: Progress in Efficient Upgrade to Fuel Intermediates

Geonhui Lee
(Seoul National University)