[TS08T5]

Transformative Nanotechnology Solution for Hydrogen Energy and Energy Harvesting 5

Date & Time	July 9(Thu.), 2026 / 15:50-17:35
Place	Room 206A
Session Chair(s)	Prof. Sang Hyun Ahn (Chung-Ang University)

TS08T5_I_1 ***Invited** 15:50-16:20

Direct Observation of Solid-Liquid Interfaces for Water Electrolysis and Fuel Cell Catalysts Using AP-HAXPES

Okkyun Seo[1], Yasumasa Takagi[1], Satoshi Yasuno[1], and Dongshuang Wu[2]

([1]Japan Synchrotron Radiation Research Institute, [2]Nanyang Technological University)

TS08T5_I_2 ***Invited** 16:20-16:50

Understanding Ionomer Oxidation for Pure Water Anion Exchange Membrane Water Electrolyzer Performance and Durability

Albert S. Lee

(Korea Institute of Science and Technology)

TS08T5_I_3 ***Invited** 16:50-17:20

Nanocrystal Thin-Film Engineering of Grain Boundaries for Hydrogen Electrocatalysis

Myoung Hwan Oh

(Korea Institute of Energy Technology)

TS08T5_O_4 17:20-17:35

Integrated Catalyst-Transport Nickel-Iron Porous Electrode for Anion Exchange Membrane Water Electrolysis

Sungjun Kim

(Korea Research Institute of Chemical Technology)