[TS06W2]

Hybrid Nanomaterials for Convergent Science and Emerging Technologies 2

Date & Time	July 8(Wed.), 2026 / 15:50–18:05
Place	Room 307
Session Chair(s)	Prof. Woo-Bin Jung (POSTECH)

TS06W2_I_1 ***Invited** 15:50–16:20

Stretchable Inorganic Monolayers with High Fracture Toughness

Cheol-Joo Kim[1,2]

([1]Center for Van der Waals Quantum Solids, [2]Institute for Basic Science)

TS06W2_I_2 ***Invited** 16:20–16:50

Engineering Nanocarbon Surface and Porosity for Electrochemical Dominance: Synthesis-by-Design Approaches

Jong Hun Kang

(Seoul National University)

TS06W2_O_3 16:50–17:05

SWCNT-AlScN Heterostructures for Reconfigurable Ferroelectric Field-Effect Transistors

Dongjoon Rhee

(Kookmin University)

TS06W2_O_4 ***YSA Applied** 17:05–17:20

High-Resolution Mapping of Cellular Molecular Fluxes Using Label-Free Near-Infrared Fluorescent Nanosensor Interfaces

Youngwook Cho and Sooyeon Cho

(Sungkyunkwan University)

TS06W2_O_5 ***YSA Applied** 17:20–17:35

Hierarchically Wrinkled MoS_2 Nanosheet Films with Multiscale Architecture for Photoelectrochemical Oxygen Evolution

Su Yeon Jung[1] and Joohoon Kang[2]

([1]Sungkyunkwan University, [2]Yonsei University)

TS06W2_O_6 ***YSA Applied** 17:35–17:50

Inkjet-Printed Electronics based on Electrochemically Exfoliated Two-Dimensional Materials

Okin Song[1] and Joohoon Kang[2]

([1]Sungkyunkwan University, [2]Yonsei University)

TS06W2_O_7 ***YSA Applied** 17:50–18:05

Two-Dimensional Template-Assisted Conversion for Ultrathin Indium Oxide for a Single-Platform-Based near-Sensor Computing

Jinhong Min, Gwang Ya Kim, and Joohoon Kang

(Yonsei University)