[TS05T3]

Angstrom-Scale 2D Materials for Beyond-Nano Technology 3

Date & Time	July 9(Thu.), 2026 / 09:30–11:00
Place	Room 304
Session Chair(s)	Prof. Chul-Ho Lee (Seoul National University)

TS0 5T3_I_1 ***Invited** 09:30–10:00

Room Temperature Dipolar Excitons in van der Waals Heterostructures

Abhishek Misra

(Indian Institute of Technology Madras)

TS05T3_I_2 ***Invited** 10:00–10:30

Field Gradient Engineering of van der Waals Semiconductors

SungWoo Nam

(University of California, Irvine)

TS05T3_O_3 ***YSA Applied** 10:30–10:45

Graphene Channel-Based Floating Gate Devices for Temporal Information Processing

Heemyoung Hong[1], Chengqi Wei[2], Zhongrui Wang[2], and Heejun Yang[1]

([1]Korea Advanced Institute of Science and Technology, [2]Southern University of Science and Technology)

TS05T3_O_4 ***YSA Applied** 10:45–11:00

Magnetic Domain Walls as Active Transport Channels in Twisted Double-Trilayer $CrCl_3$

Yanggeun Joo and Heejun Yang

(Korea Advanced Institute of Science and Technology)