

[TS05F6]**Nanomaterials for Extreme Environments and Applications 6**

Date & Time	July 5(Fri.), 2024 / 09:00-09:45
Place	Room 207
Session Chair(s)	Hyoung Seop Kim (POSTECH)

TS05F6_O_1

09:00-09:15

Bio-Mimetic Tactile Sensing and Material Identification with Triboelectric driven Synaptic Organic Electrochemical Transistor

M Junaid Sultan, Atanu Bag, Seok Ju Hong, and Nae-Eung Lee
(Sungkyunkwan University)

TS05F6_O_2

09:15-09:30

Multifunctional MXene/Carbon Nanotube Janus Film for Electromagnetic Shielding and Infrared Shielding/Detection in Harsh Environments

Tufail Hassan¹, Nilufer Cakmakci², Youngjin Jeong², and Chong Min Koo¹
(¹Sungkyunkwan University, ²Soongsil University)

TS05F6_O_4

09:30-09:45

Mass Transport Phenomena in Low-Dimensional Space

Heechan Yang and Hyung Gyu Park
(POSTECH)