[TS06F6]

Hybrid Nanomaterials for Convergent Science and Emerging Technologies 6

Date & Time	July 10(Fri.), 2026 / 09:30-11:00
Place	Room 307
Session Chair(s)	Dr. Ji-Soo Jang (Sungkyunkwan University)

TS06F6_I_1 ***Invited** 09:30-10:00

Plasmonic Photo(Thermal)Catalysis: Microscopic Structural Design and Mechanistic Insights

Xingda An

(Soochow University)

TS06F6_O_2 10:00-10:15

Metal Capture by Nanoporous Organic Polymers

Khamidulla B. Tukhtaev[1], Muhammad Bilal Asif[1], Thien S. Nguyen[1], Abdulrahman B. Aljedaani[2], Khalid Hazazi[2], and Cafer T. Yavuz[1]

([1]King Abdullah University of Science and Technology, [2]Saudi Arabian Oil Company)

TS06F6_O_3 10:15-10:30

Humidity-Mediated Dual-Mode VOC Removal via Self-Sacrificially Grown Heterojunction Photocatalytic Fibers

Jinwook Lee[1] and Jooyoun Kim[2]

([1]Sungkyunkwan University, [2]Seoul National University)

TS06F6_O_4 ***YSA Applied** 10:30-10:45

Rapid Synthesis of Metal Organic Chalcogenolates Crystal and Thin Film at Room Temperature

Reyas Ali, Ganesh Aravindan, Subitan Laskar, Sudakar Chandran, and Surendra B. Ananatharaman

(Indian Institute of Technology Madras)

TS06F6_O_5 ***YSA Applied** 10:45-11:00

Chiral Metal-Organic Chalcogenolates for Advanced Optoelectronics

Kumar Shwetabh, Panshul Humad, Deepti Naganur, and Surendra B. Anantharaman

(Indian Institute of Technology Madras)