[TS03F7]

Nanomanufacturing and Metrology Technologies 7

Date & Time	July 10(Fri.), 2026 / 14:00-15:15
Place	Room 209B
Session Chair(s)	Dr. Yeong-Eun Yoo (KIMM)

TS03F7_O_1 ***YSA Applied** 14:00-14:15

Wafer-Scale Fabrication of Low-Loss Dielectric Metamirrors for Ultra-High-Resolution Microdisplays

Yoonjeong Lee[1,2], Eui-Soo Cho[3], Yunji Eom[1], Namyoung Gwak[1], Geehong Kim[1], Soongeun Kwon[1], Hyungjun Lim[1], Seung-Yeol Lee[3], and Hak-Jong Choi[1]

([1]Korea Institute of Machinery & Materials, [2]Hanyang University, [3]Kyungpook National University)

TS03F7_O_2 ***YSA Applied** 14:15-14:30

Printable Polymer Electrolytes for All 3D Direct-Ink-Writing of Versatile Li-Ion Batteries

Sumin Oh[1], Jongwoo Lim[1], and Seungjun Chung[2]

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

TS03F7_O_3 14:30-14:45

Metal-Hydrogel Composite Fabrication for High-Sensitivity Hydrogel Sensors

Yunji Eom, Junhyoung Ahn, Su A Park, Soongeun Kwon, Hak-Jong Choi, Hyungjun Lim, Kee-Bong Choi, Geehong Kim, and JaeJong Lee

(Korea Institute of Machinery & Materials)

TS03F7_O_4 14:45-15:00

Boron Assisted Processing of Lunar Regolith Simulants for Transparent Glass Formation

Awais Khan[1,2] and So-Hye Cho[1,2]

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

TS03F7_O_5 15:00-15:15

Emissivity Prediction Framework for Freestanding Multilayer Nanomembrane

Kihun Seong[1], Sung Kyu Jang[1], Yongkyung Kim[1,2], Hye-Young Kim[1], Jiho Kim[3], Sangsul Lee[3], Hyun-Mi Kim[1], Hyeongkeun Kim[1], and Seul-Gi Kim[1]

([1]Korea Electronics Technology Institute, [2]Hanyang University, [3]Pohang University of Science and Technology)