[TS11W1]

Nanomaterials and Nanodevices for Digital Healthcare 1

Date & Time	July 8(Wed.), 2026 / 09:45-11:00
Place	Room 212
Session Chair(s)	Prof. Jin-Sik Kim (Dongguk University), Dr. Kyoung G. Lee (NNFC)

TS11W1_O_1 ***YSA Applied** 09:45-10:00

Highly Stable and Continuous Biomarker Monitoring via Alternating Current Reverse Iontophoresis

Yi-Jeong Choi[1], Myung-Kyun Choi[1], Soo-Hwan Lee[2], HyoJin Lee[2], and Seung-Kyun Kang[1]
([1]Seoul National University, [2]Korea Institute of Science and Technology)

TS11W1_O_2 10:00-10:15

Photolithography-Free Self-Patterned Metal Oxide Heterojunction Transistors for Multi-Valued Logic Devices

Seokhyeon Baek and Sungjun Park
(Ajou University)

TS11W1_O_3 ***YSA Applied** 10:15-10:30

Ultralow-Swelling Biodegradable Ionic Diode for Implantable Iontronics

Jieun Han, Yi-Jeong Choi, and Seung-Kyun Kang
(Seoul National University)

TS11W1_I_4 ***Invited** 10:30-11:00

Tissue-Adaptive Hydrogel-Elastomer Bilayer for Stable Bioelectronics

Donghee Son
(Yonsei University)