[TS01T4]

Nanoelectronics 4

Date & Time	July 9(Thu.), 2026 / 14:00-15:45
Place	Room 207
Session Chair(s)	Prof. Je-Hyung Kim (UNIST)

TS01T4_I_1 ***Invited** 14:00-14:30

Infrared Photodetectors: From High-Performance to Intelligence

Weida Hu
(Shanghai Institute of Technical Physics)

TS01T4_I_2 ***Invited** 14:30-15:00

Metasurface-Enhanced THz Microscopy for Semiconductor Materials

Minah Seo
(Sogang University)

TS01T4_O_3 15:00-15:15

Selective Spectral Blindness in GaAs Nanowires for High-Contrast Infrared Detection

Hangyu Xu, Chenyu Huang, and Weida Hu
(Shanghai Institute of Technical Physics)

TS01T4_O_4 15:15-15:30

Highly Sensitive and Fast-Response Flexible Force Sensors based on ZnO/ZnMgO Coaxial Nanotubes on Graphene for Breath Monitoring

Asad Ali[1], Jamin Lee[1], Kyoungho Kim[1], Hongseok Oh[2], and Gyu-Chul Yi[1]
([1]Seoul National University, [2]Soongsil University)

TS01T4_O_5 ***YSA Applied** 15:30-15:45

Zinc Tin Oxide Nanocomposite Deep UV Photodetector Embedded Circuit for Wireless Flame Detection

Junhyung Cho, Taehyun Park, Seungme Kang, and Hocheon Yoo
(Hanyang University)