[TS02T4]

Nanophotonics and its Applications 4

Date & Time	July 9(Thu.), 2026 / 14:00-15:15
Place	Room 209A
Session Chair(s)	Prof. Yun-Woo Lee (Soongsil University)

TS02T4_I_1 ***Invited** 14:00-14:30

Laser Particles for Large-Scale Single-Cell Optical Barcoding

Kwon-Hyeon Kim, Paul Dannenberg, Nicola Martino, and Seok-Hyun Andy Yun
(Massachusetts General Hospital and Harvard Medical School)

TS02T4_O_2 ***YSA Applied** 14:30-14:45

Wavelength-Dependent Carrier Injection in Ag Nanomesh-Integrated Si Photodetector

Jeongyeol Park, Jihoon Huh, Yohan Lee, Seung-Ji Lo, Jae Hyun Kim, Narae Lee, Jaehyeung Park, and Moonsang Lee
(Inha University)

TS02T4_O_3 ***YSA Applied** 14:45-15:00

Optically Reconfigurable Quaternary Logic in MoS_2/WSe_2 Heterojunction Inverters

Yohan Lee, Jihoon Huh, Jeongyeol Park, Seung Ji Lo, Narae Lee, Jae Hyun Kim, Jaehyeong Park, and Moonsang Lee
(Inha University)

TS02T4_O_4 15:00-15:15

Opto-Electrical Dual-Input Logic based on Light-Induced Anti-Ambipolar WSe_2 Transistor

Jihoon Huh, Jeongyeol Park, Seung-Ji Lo, Yohan Lee, Jaehyeung Park, Narae Lee, Jae Hyun Kim, and Moonsang Lee
(Inha University)