[TS02T3]

Nanophotonics and its Applications 3

Date & Time	July 9(Thu.), 2026 / 09:30-11:00
Place	Room 209A
Session Chair(s)	Prof. Jeong-Hwan Lee (Inha University)

TS02T3_I_1 ***Invited** 09:30-10:00

Heterogeneous Material Integration for Integrated Photonics

Jae-Hoon Han
(Korea Institute of Science and Technology)

TS02T3_O_2 10:00-10:15

Blackbody-Sensitive 2D Materials and Infrared Applications

Zhen Wang
(Shanghai Institute of Technical Physics, Chinese Academy of Sciences)

TS02T3_O_3 10:15-10:30

Enhanced Light Absorption in Sn-Based Perovskite Solar Cells via Combined Fabry-Perot and Mie Resonances

Hyoseong Kim, Cheolhun Kang, Donggyu Lim, Jungan Jeon, Sungman Wi, Hyunhee Song, and Kyu-Tae Lee
(Inha University)

TS02T3_O_4 ***YSA Applied** 10:30-10:45

Crosslinking-Assisted Immersion Transfer Printing of Sub-100 nm Perovskite Nanostructures for Advanced Nanophotonics

Doohyoung Lee, Seongkyu Maeng, Himchan Cho, and Yeon Sik Jung
(Korea Advanced Institute of Science and Technology)

TS02T3_O_5 ***YSA Applied** 10:45-11:00

Modulating Fano-to-Lorentzian Reflection in Dual-Cavity Systems

Donggyu Lim, Jungan Jeon, Cheolhun Kang, Hyoseong Kim, Sungman Wi, Han-Youl Ryu, and Kyu-Tae Lee
(Inha University)