

[TS11W2]**Nanophotonics and its Applications 2**

Date & Time	July 3(Wed.), 2024 / 15:40–17:25
Place	Room 303
Session Chair(s)	Jihye Lee (KIMM)

TS11W2_I_1 *Invited 15:40–16:10**Nanopot Plasmonic Sensor: A Platform for Detecting a Wide Range of Viruses**

Nam-Joon Cho and Munho Kim

*(Nanyang Technological University)***TS11W2_I_2 *Invited 16:10–16:40****Intersubband Polaritonic Metasurfaces**

Jongwon Lee

*(UNIST)***TS11W2_O_3 16:40–16:55****Metasurface In-Coupler Design for Single RGB Waveguide with Wire Grid Polarizer**

Youngjin Jeon, Sangyoon Kim, and Hwi kim

*(Korea University)***TS11W2_O_4 16:55–17:10****Utilizing Machine Learning for Accurate Structural Modeling in Organic Light-Emitting Diodes within Artificial Intelligence Frameworks**

Al Amin and Jeong-Hwan Lee

*(Inha University)***TS11W2_O_5 17:10–17:25****Precise Sheet Resistance Determination in Short-Channel IGZO Transistors using the Gated Van der Pauw Technique**

Woo-Seok Lee and Jeong-Hwan Lee

(Inha University)