

[TS11T4]**Nanophotonics and its Applications 4**

Date & Time	July 4(Thu.), 2024 / 14:00-15:30
Place	Room 303
Session Chair(s)	Inkyu Park (KAIST)

TS11T4_I_1 *Invited 14:00-14:30**Design of Optoelectronic Devices through Phase Change, Doping, and Multi-Dimensional Heterostructure Engineering**

Johnny C. HO

*(City University of Hong Kong)***TS11T4_I_2 *Invited 14:30-15:00****Bioinspired Smart Sensors with Nanostructures**

Zhiyong Fan

*(The University of Hong Kong)***TS11T4_O_3 15:00-15:15****Enhanced Optical Properties of TMDs-Si Heterojunction Devices**

Beomsu Jo, Singri Ramu, Beom Joon Jung, and Young Lae Kim

*(Gangneung-Wonju National University)***TS11T4_O_4 15:15-15:30****Vapor Phase Detection of Explosives by Surface Enhanced Raman Scattering and by Photoluminescence Quenching Methods**Daegwon Noh¹, Samir Adhikari^{1,2}, Minjun Kim¹, Daehyun Ahn¹, Yudong Jang^{1,2}, Donghan Lee^{1,2}, and Eunsoon Oh¹*(¹Chungnam National University, ²Bright Quantum Incorporated)*