

# NANO KOREA 2024 Symposium

July 3<sup>(Wed)</sup> ~ 5<sup>(Fri)</sup>, 2024 | KINTEX, Korea

## TS11. Nanophotonics and Its Applications Student Paper Awards Winners

Grade	Presentation Code	Abstract Title	Author	Affiliation
Gold Prize	TS11T3_O_4	High-Yield Single-Photon Devices on V-Groove Fiber Array	Woong Bae Jeon <sup>1</sup> , Jong Sung Moon <sup>1</sup> , Christopher J. K. Richardson <sup>2</sup> , Edo Waks <sup>2</sup> , and Je-Hyung Kim <sup>1</sup>	1UNIST, 2University of Maryland
Silver Prize	TS11W1_O_2	All-Inorganic Perovskite Cs <sub>3</sub> Cu <sub>2</sub> I <sub>5</sub> Films via CVD for High-Performance Ultraviolet Self-Powered Photodetectors	Van-Hoang Vuong and Soon-Gil Yoon	Chungnam National University
Silver Prize	TS11W_BP_10	Water-Floated Nanostructure as an Innovative Nano Transfer Technique to Curved Surface and its Application: Surface Enhanced Raman Scattering	Byung-Ho Kang <sup>1,2</sup> , Junseong Ahn <sup>3</sup> , Ji-Hwan Ha <sup>1,2</sup> , Byungmin Kang <sup>1,2</sup> , Sohee Jeon <sup>2</sup> , Soon Hyoung Hwang <sup>2</sup> , Inkyu Park <sup>1</sup> , and Jun-Ho Jeong <sup>2</sup>	1KAIST, 2KIMM, 3Korea University
Silver Prize	TS11T4_O_4	Vapor Phase Detection of Explosives by Surface Enhanced Raman Scattering and by Photoluminescence Quenching Methods	Daegwon Noh <sup>1</sup> , Samir Adhikari <sup>1,2</sup> , Minjun Kim <sup>1</sup> , Daehyun Ahn <sup>1</sup> , Yudong Jang <sup>1,2</sup> , Donghan Lee <sup>1,2</sup> , and Eunsoo Oh <sup>1</sup>	1Chungnam National University, 2Bright Quantum Incorporated
Bronze Prize	TS11W2_O_5	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
Bronze Prize	TS11W_BP_2	Multi-Factor Physical Unclonable Functions using Micro-Wrinkles	Kitae Kim and Jun-Hee Na	Chungnam National University
Bronze Prize	TS11W_BP_3	Wearable Colorimetric Sweat pH Sensor-Based Smart Textile for Cystic Fibrosis Monitoring	Ji-Hwan Ha <sup>1,2</sup> , Su A Park <sup>1</sup> , Junseong Ahn <sup>3</sup> , Yongrok Jeong <sup>4</sup> , Byung-Ho Kang <sup>1,2</sup> , Byeongmin Kang <sup>1,2</sup> , Sohee Jeon <sup>1</sup> , Soonhyoung Hwang <sup>1</sup> , Jun-Ho Jeong <sup>1</sup> , and Inkyu Park <sup>2</sup>	1KIMM, 2KAIST, 3Korea University, 4KAERI
Bronze Prize	TS11W_BP_4	A Study on High Aspect Ratio Structure Fabrication via Microlens Arrays in SPPW Process	Myung Seo Kim, Seok Kim, and Young Tae Cho	Changwon National University
Bronze Prize	TS11T5_O_2	Tunable Optical Properties via Anisotropic Gold/Iron Oxide Nanohybrids	Hyojung Kang, Yoojung Jeon, Seonju Park, Jayoon Lee, Kyungnae Baek, Jerome K. Hyun, and So-Jung Park	Ewha Womans University
Bronze Prize	TS11T5_O_4	Volumetric Cylindrical Display on Anisotropic Reflective Screen	Hyeonbin Im, Hosung Jeon, Minwoo Jung, and Joonku Hahn	Kyungpook National University