

Session Title:	[Th1L] Nano-Biophotonics
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:00
Session Room:	Room L (206-207)
Session Chair(s)	Prof. Chang-Seok Kim (Pusan Nat'l Univ., Korea)

[Th1L-1] 11:00-11:15

Imaging Buffer For STORM with Standard Immersion Oil Refractive Index

Youngseop Lee, Yeunho Lee, Minchol Lee, Donghoon Koo, Dongwoo Kim, Hongrae Kim, Kangwon Lee, and Jeongmin Kim (Seoul Nat'l Univ., Korea)

[Th1L-2] 11:15-11:30

DMD-based Beam Modulation for Sensing Plasmonic Enhanced Beam Shift

Shaodi Zhu (The Chinese Univ. of Hong Kong, Hong Kong S.A.R), Shuwen Zeng (Univ. of Tech. of Troye, France), Wu Yuan, and Ho-Pui Ho (The Chinese Univ. of Hong Kong, Hong Kong S.A.R)

[Th1L-3] 11:30-11:45

Multifunctionalities of Nanodiamonds as a Neuritogenic Promoter and dSTORM Super-resolution Optical Imaging Probe

Jaeheung Kim, Moon Sung Kang, Dong-Wook Han, and Chang-Seok Kim (Pusan Nat'l Univ., Korea)

[Th1L-4] 11:45-12:00

Specific Detection of Virus S-protein in Real Samples with Nano-bowl Substrate

Masatoshi Kanoda, Kota Hayashi, Yumiko Takagi, Mamoru Tamura, Shiho Tokonami, and Takuya Iida (Osaka Metropolitan Univ., Japan)