



August 4-9, 2024  
Songdo ConvensIA, Incheon, Korea

Session Title:	[Mo2F] Metasurface
Session Date:	August 5 (Mon), 2024
Session Time:	13:30-14:45
Session Room:	Room F (115)
Session Chair(s)	Prof. Myungjae Lee (Seoul Nat'l Univ., Korea), Prof. Su-Hyun Gong (Korea Univ., Korea)

[Mo2F-1] [Invited]

13:30-14:00

Dielectric Metasurfaces for Controlling Light Waves

Lei Zhou (Fudan Univ., China)

[Mo2F-2]

14:00-14:15

Vortex Fiber Laser Based on an All-Dielectric Full-Space Metasurface

Yiyuan Xu, Lili Gui, Hao Chen, Xianglong Mei, and Kun Xu (Beijing Univ. of Posts and Telecommunications, China)

[Mo2F-3]

14:15-14:30

Nanoscale Phase Change of  $\text{Cr}_2\text{Ge}_2\text{Te}_6$  Thin Films Induced by Terahertz Near-fields

Dang-il Kim, Mizuki Kawaj, Ryo Tamaki, Satoshi Kusaba (Yokohama Nat'l Univ., Japan), Yinli Wang, Yi Shuang, Yuji Sutou (Tohoku Univ., Japan), Ikufumi Katayama, and Jun Takeda (Yokohama Nat'l Univ., Japan)

[Mo2F-4]

14:30-14:45

Selective Detection of DNA by Optical Condensation with Nano-bowl Substrate

Ryoma Hasegawa, Masatoshi Kanoda, Kota Hayashi, Shuichi Toyouchi (Osaka Metropolitan Univ., Japan), Mamoru Tamura (Osaka Univ., Korea), Shiho Tokonami, and Takuya Iida (Osaka Metropolitan Univ., Japan)