

Session Title:	[We1J] Metasurface II
Session Date:	August 7 (Wed.), 2024
Session Time:	09:00-10:30
Session Room:	Room J (201-202)
Session Chairs	Prof. Minkyung Kim (GIST, Korea)

[We1J-1] [Invited] 09:00-09:30

Metal Metasurface Absorbers for Ultra-sensitive Molecular Detection

Takuo Tanaka (RIKEN, Japan)

[We1J-2] 09:30-09:45

Large Area RGB Achromatic Metalens

Minseok Choi, Joohoon Kim, Kilsoo Shin, and Junsuk Rho (POSTECH, Korea)

[We1J-3] 09:45-10:00

Polarization-multiplexing Metalens for Dual-functional Imaging

Zhenyu Xing, Zhelin Lin, Niu Liu, and Cheng Zhang (Huazhong Univ. of Science and Tech., China)

[We1J-4] 10:00-10:15

Nanopost Metamaterials for Polarizer-Free Top-Emitting Organic Light Emitting Diodes

Kyungham Kang, Hajun Yoo, Hyunwoong Lee (Yonsei Univ., Korea), Young Gu Kim, Duckjong Suh, Sunghan Kim (Samsung Display Co., Ltd., Korea), and Donghyun Kim (Yonsei Univ., Korea)

[We1J-5] 10:15-10:30

Fabrication of Silicon Grass on the Surface of Diffractive/Meta Lenses for Increased Transmission for Long Wave Infrared Imaging

Angelos Bouchouri, Muhammad Nadeem Akram, Eivind Bardalen, and Per Alfred Øhickers (Univ. of South-Eastern Norway, Norway)