

Session Title:	[We2J] Metasurface III
Session Date:	August 7 (Wed.), 2024
Session Time:	10:45-12:15
Session Room:	Room J (201-202)
Session Chairs	Prof. Inki Kim (Sungkyungwan Univ., Korea)

[We2J-1] 10:45-11:00

Bandgap-engineered Hydrogenated Amorphous Silicon for Efficient Metasurfaces Working at the Visible and Near-Infrared

Younghwan Yang (POSTECH, Korea), Gwanho Yoon (Seoul Nat'l Univ. of Science and Tech., Korea), Minkyung Kim (GIST, Korea), Dasol Lee (Yonsei Univ., Korea), and Junsuk Rho (POSTECH, Korea)

[We2J-2] 11:00-11:15

Color-sorting Metalens Array for High-sensitivity RGB-NIR Image Sensing

Masashi Miyata and Toshikazu Hashimoto (NTT Corp., Japan)

[We2J-3] 11:15-11:30

Chemically Programmable Photopolymers for Humidity-Triggered Multi-Image Displays

Chunghwan Jung, Jongsun Yoon, Hyomin Lee, and Junsuk Rho (POSTECH, Korea)

[We2J-4] 11:30-11:45

Dynamic Optical MEMS Metasurfaces

Fei Ding (Univ. of Southern Denmark, Denmark)

[We2J-5] 11:45-12:00

Hafnium Oxide Metasurfaces for Flat-top Beam Shaping in the Ultraviolet

Hao Gao, Zhelin Lin, and Cheng Zhang (Huazhong Univ. of Science and Tech., China)

[We2J-6] 12:00-12:15

Nonradiative Cooling

Wakana KUBO (Tokyo Univ. of Agriculture and Tech., Japan)