

Session Title:	[Tu1J] Metasurface I
Session Date:	August 6 (Tue.), 2024
Session Time:	11:00-12:30
Session Room:	Room J (201-202)
Session Chair(s)	Prof. Sunae So (Korea Univ., Korea), Prof. Teun-Teun Kim (Univ. of Ulsan, Korea)

[Tu1J-1] [Invited] 11:00-11:30

Poles and Zeros in Resonant Nano-Photonic Systems

Felix Binkowski, Fridtjof Betz (Zuse Inst. Berlin, Germany), Martin Hammerschmidt, Lin Zschiedrich (JCMwave GmbH, Germany), and Sven Burger (Zuse Inst. Berlin, Germany)

[Tu1J-2] 11:30-11:45

Large-angle Manipulation of Nonlocal Metasurfaces

Dongmin Jeon and Junsuk Rho (POSTECH, Korea)

[Tu1J-3] 11:45-12:00

Pinning Effect with Geometry-Independent Resonances Controlled by Epsilon-Near-Zero Hyperbolic Metamaterials

Chenxingyu Huang, H. Y. Fu (Tsinghua Univ., China), and Qian Li (Peking Univ., China)

[Tu1J-4] 12:00-12:15

Reflective Moiré Metasurfaces: A Paradigm of Innovation and Challenge

Shuo Liu, Lei Zhang, and Xiaoqing Chen (Southeast Univ., China)

[Tu1J-5] 12:15-12:30

Narrowband Detection of Full Polarization States through the Metasurfaces with Identical Unit Cells

Yu Geun Ki, Byeong Je Jeon, Il Hoon Song, Seong Jun Kim, Sangtae Jeon, and Soo Jin Kim (Korea Univ., Korea)