

Session Title:	[Mo2J] Topology and Photonics II
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-14:45
Session Room:	Room J (201-202)
Session Chair(s)	Prof. Xianji Piao (The Univ. of Seoul, Korea) Prof. Sangsik Kim (KAIST, Korea)

[Mo2J-1] [Invited] 13:30-14:00

Topological Leaky-mode Resonances and Potential Applications

Jae Woong Yoon, Ki Young Lee, Yu Sung Choi, Chan Young Park, and Joong Hyun Pyo (Hanyang Univ., Korea)

[Mo2J-2] 14:00-14:15

Inverse Design Method of Hyperuniform Materials using System Factorization

Kunwoo Park, Ikbeom Lee, and Sunkyu Yu (Seoul Nat'l Univ., Korea)

[Mo2J-3] 14:15-14:30

Iterative Design of Hyperuniform Materials using Wannier Functions

Gitae Lee, Hyungchul Park, Seungkyun Park, Namkyoo Park, and Sunkyu Yu (Seoul Nat'l Univ., Korea)

[Mo2J-4] 14:30-14:45

Design of Wave Scattering from Gain and Loss Disordered Materials

Ikbeom Lee, Kunwoo Park, and Sunkyu Yu (Seoul Nat'l Univ., Korea)