

<b>Session Title:</b>	<b>[Mo2J] Topology and Photonics II</b>
<b>Session Date:</b>	<b>August 5 (Mon.), 2024</b>
<b>Session Time:</b>	<b>13:30-15:00</b>
<b>Session Room:</b>	<b>Room J (201-202)</b>
<b>Session Chairs</b>	<b>TBA</b>

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

**Inverse Design Method of Hyperuniform Materials using System Factorization**

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

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

**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-5] 14:45-15:00**

**Design of Wave Scattering from Gain and Loss Disordered Materials**

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