

Session Title:	[Mo2A] Inverse Design for Metamaterials II
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-15:00
Session Room:	Room A (102-103)
Session Chairs	TBA

[Mo2A-1] [Invited] **13:30-14:00**

Very-Large-Scale Metasurface Design

Owen D. Miller (Yale Univ., USA)

[Mo2A-2] [Invited] **14:00-14:30**

Inverse Design of Nanophotonic Structures using Artificial Intelligence

Sunae So (Korea Univ., Korea)

[Mo2A-3] **14:30-14:45**

Inverse Design of 3D Chiral Metamaterial with Generative Networks

Jeonghoon Park, Jaebum Noh, Jehyeon Shin (POSTECH, Korea), Grace X. Gu (Univ. of California, USA), and Junsuk Rho (POSTECH, Korea)

[Mo2A-4] **14:45-15:00**

An Experiment Driven Approach to Machine Learning for Nanophotonic Inverse Design

Arturo Burguete-Lopez (King Abdullah Univ. of Science and Tech., Saudi Arabia), Maksim Makarenko (EXPEC Advanced Research Center, Saudi Arabia), Qizhou Wang, Sergei Rodionov, and Andrea Fratallocchi (King Abdullah Univ. of Science and Tech., Saudi Arabia)