

Session Title:	[Th1C] Quantum Optics and Application I
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:30
Session Room:	Room C (107-109)
Session Chairs	TBA

[Th1C-1] [Invited] 11:00-11:30

The Anderson Transition in Two-Dimensional Ultracold Gases

D. A. W. Hutchinson, E. Arabahmadi, D. Schumayer (Univ. of Otago, New Zealand), M. Hoogerland (Univ. of Auckland, New Zealand), B. Grémaud (Aix Marseille Univ., France), and C. Miniatura (Nat'l Univ. of Singapore, Singapore)

[Th1C-2] 11:30-11:45

Exciton-Polariton in Single-Walled Carbon Nanotubes with Different Microcavity Structures

HeeBong Yang and Na Young Kim (Univ. of Waterloo, Canada)

[Th1C-3] 11:45-12:00

Nonreciprocal Single-photon Band Structure

Keyu Xia, Jiang-Shan Tang (Nanjing Univ., China), and Franco Nori (RIKEN Cluster for Pioneering Research, Japan)

[Th1C-4] 12:00-12:15

Quantum Dots on an Optical Nanofiber Tip for Quantum Photonics

Resmi M, Elaganuru Bashaiah, and Ramachandrarao Yalla (Univ. of Hyderabad, India)

[Th1C-5] 12:15-12:30

Quantum Photonic Sources Based on Nanophotonics

Xifeng Ren (Univ. of Science and Tech. of China, China)