

Session Title:	[Mo1C] Quantum Optics and Quantum Information I
Session Date:	August 5 (Mon.), 2024
Session Time:	10:30-12:00
Session Room:	Room C (107-109)
Session Chairs	Prof. Yoon-Ho Kim (POSTECH, Korea)

[Mo1C-1] [Invited] 10:30-11:00

Programmable Continuous-Variable Photonic Quantum Computing in the Time Domain

Shuntaro Takeda (The Univ. of Tokyo, Japan)

[Mo1C-2] 11:00-11:15

Experimental Quantum State Tomography of Multimode Gaussian States

Chan Roh, Geunhee Gwak, Young-Do Yoon, and Young-Sik Ra (KAIST, Korea)

[Mo1C-3] 11:15-11:30

Generating Schrodinger's Kitten State from Coherent Pulses via Deterministic Photon Subtraction

Abdolreza Pasharavesh and Michal Bajcsy (Univ. of Waterloo, Canada)

[Mo1C-4] 11:30-11:45

Wigner's Phase Space Current for the Conditional Dynamics in Entangled Two Mode Systems — Seeing Beam Splitters in a New Light —

Ole Steuernagel and Ray-Kuang Lee (Nat'l Tsing Hua Univ., Taiwan)

[Mo1C-5] 11:45-12:00

Quantum Contextuality Observed by Operational Input State Preparations

Kengo Matsuyama, Ming Ji, Holger F. Hofmann, and Masataka Inuma (Hiroshima Univ., Japan)