

Session Title:	[Tu2C] Quantum Sensing II
Session Date:	August 6 (Tue.), 2024
Session Time:	16:00-17:30
Session Room:	Room C (107-109)
Session Chairs	Prof. Ray-Kuang Lee (Nat'l Tsing Hua Univ., Taiwan)

[Tu2C-1] [Invited] 16:00-16:30

Quantum Enhanced Sensing with Condensed Atoms in Linear and Nonlinear Interferometries

Li You (Tsinghua Univ., China)

[Tu2C-2] 16:30-16:45

Sensitivity Analysis of Distributed Quantum Sensing with a Limited Squeezing Level

Yunseo Jeong (Chung-Ang Univ., Korea), Changhyoup Lee (KRISS, Korea), and Seongjin Hong (Chung-Ang Univ., Korea)

[Tu2C-3] 16:45-17:00

Experimental Measurement of Path Fluctuations in Photon Interference

Ryuya Fukuda, Holger F. Hofmann, and Masataka Inuma (Hiroshima Univ., Japan)

[Tu2C-4] 17:00-17:15

Recovering Quantum Entanglement After Its Certification

Hyeon-Jin Kim, Ji-Hyeok Jung, Kyung-Jun Lee, and Young-Sik Ra (KAIST, Korea)

[Tu2C-5] 17:15-17:30

Unitary Spectral-temporal Mode Shaping for Applications in Photonic Quantum Information Processing

Jerzy Szuniewicz, Ksawery Mielczarek, Michał Chrzanowski, Filip Sośnicki, and Michał Karpiński (Univ. of Warsaw, Poland)