

Session Title:	[Mo4J] Infrared/THz Source and Device
Session Date:	August 5 (Mon.), 2024
Session Time:	17:00-18:30
Session Room:	Room J (201-202)
Session Chair(s)	Prof. Young-Mi Bahk (Incheon Nat'l Univ., Korea), Prof. Yen-Chieh Huang (Nat'l Tsing Hua Univ., Taiwan)

[Mo4J-1] [Invited] 17:00-17:30

Infrared Entangled Photon Sources for Quantum Sensing

Masayuki Hojo and Koichiro Tanaka (Kyoto Univ., Japan)

[Mo4J-2] [Invited] 17:30-18:00

Pixelated Directional Thermal Emitter

Ziwei Fan, Taeseung Hwang, Sam Lin, Yixin Chen, and Zi Jing Wong (Texas A&M Univ., USA)

[Mo4J-3] 18:00-18:15

Terahertz Emitter Based on Co/Mo with Amplitude Control and Polarization Reversal Capabilities

P.Yu. Avdeev, A.V. Gorbatova, E.D. Lebedeva (MIREA - Russian Technological Univ., Russia), N.S. Gusev, M.V. Sapozhnikov (Institute for Physics of Microstructures RAS, Russia), and A.M. Buryakov (MIREA - Russian Technological Univ., Russia)

[Mo4J-4] 18:15-18:30

THz Distributed-feedback Free-electron Laser

Hossein Shirvani and Yen-Chieh Huang (Nat'l Tsing Hua Univ., Taiwan)