

Session Title:	[Mo2D] Advances in Light Sources 1
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-15:00
Session Room:	Room D (113)
Session Chair(s)	Prof. Kasper Van Gasse (Ghent Univ., Belgium)

[Mo2D-1] [Invited] 13:30-14:00

Laser Integration with Thin-film Lithium Niobate

Amirhassan Shams-Ansari (Harvard Univ., USA)

[Mo2D-2] 14:00-14:15

High-Power C-band DFB Lasers with Sub-50 kHz Linewidth for Precise FMCW LiDAR

Te-Hua Liu, You-Yu Tu, and Chao-Hsin Wu (Nat'l Taiwan Univ., Taiwan)

[Mo2D-3] 14:15-14:30

Mode Control and Direct Modulation for a Deformed-Square-FP Coupled-Cavity Laser

Zhen-Ning Zhang, Yue-De Yang, Meng-Wei Sheng, Jin-Long Xiao, and Yong-Zhen Huang (Inst. of Semiconductors, Chinese Academy of Sciences, China)

[Mo2D-4] 14:30-14:45

Generating Photon Pairs in a Hybrid Si-BTO Platform

D. Marchant, I. Faruque, and J. Barreto (Univ. of Bristol, UK)

[Mo2D-5] 14:45-15:00

Improved AlGaInP-based Red Micro-LED with Sidewall Passivation via Atomic-Layer Deposition (ALD) and Sulfide Treatment

Ming-June Wu, Natchanon Prechatavanich, Chee-Keong Yee, Theeradech Sutheebanjerd, Yi-Tzu Tseng, and Chao-Hsin Wu (Nat'l Taiwan Univ., Taiwan)