

## 2026 IEEE 30th International Semiconductor Laser Conference (ISLC) List of Posters

<b>MoP2</b>	S. Arafin, The Ohio State University: 2- $\mu$ m InP-Based Laser for Photonic-Crystal Surface-Emitting Lasers
<b>MoP3</b>	P. Smowton, Cardiff University: Negative Differential Resistance in Multi-Junction VCSELs for Excitable Optical Spiking Dynamics
<b>MoP4</b>	I. K. A. Bhuiyan, Tampere University: Broadband gain in GaSb-based heterostructures with variable-thickness quantum wells
<b>MoP5</b>	Y. Billiet, Universite Claude Bernard Lyon/Université de Montpellier: Transfer printed interband cascade laser on silicon-germanium
<b>MoP6</b>	J. Boschker, Ferdinand-Braun-Institut (FBH): Limits to ZnSe passivation for high power ridge waveguide lasers
<b>MoP7</b>	C.-H. Cheng, National Institute of Information and Communications Technology Japan: 10-GHz Monolithic Dual-Mode DFB Laser with 300-GHz Frequency Spacing for Future THz Wireless Transmission in B5G/6G Networks
<b>MoP8</b>	M. Dammak, III-V Lab Nokia: Demonstration of hybrid extended cavity laser made of GaAs optical Amplifier and Distributed Bragg Reflector around 965nm
<b>MoP9</b>	K. Ebadi, Aalto University: Regrowth Free Active-Passive Integration on GaAs with Vertical Twin Waveguides
<b>MoP10</b>	A. Elnahal, Ferdinand-Braun-Institut (FBH): Gain-switched picosecond pulse generation from oxide-free electrically pumped VECSELs
<b>MoP11</b>	H. Elsayed, Tampere University: UV-curable adhesive-based edge coupling strategies for Hybrid Integrated Lasers
<b>MoP12</b>	J. Fu, University of Hong Kong: Cladding-free GaN-based Laser Diodes with High Optical Confinement via Flip-Chip Thin-Film Architecture
<b>MoP13</b>	J. Fuchsberger, TU Wien/Harvard University: Continuously Tunable Semiconductor Ring Array Lasers Platform for Broadband Single Mode coverage in the mid IR
<b>MoP14</b>	M. Gioannini, Politecnico di Torino: Understanding Relative Intensity Noise in high-speed multi-mode VCSELs with and without polarization control
<b>MoP15</b>	G. Gomółka, Wrocław University of Science and Technology: Intrinsic radio frequency noise conversion inside an interband cascade laser frequency comb
<b>MoP16</b>	J. Goutorbe, Université de Montpellier: Performance improvements of interband cascade laser grown on Si with hybrid cladding
<b>MoP17</b>	G. Graziano, Coherent/University of Glasgow: High order mode selection in ring shaped lithographic apertures
<b>MoP18</b>	F. Grillot, Institut Polytechnique de Paris: Impact of excited-state on the self-pulsating dynamics in InAs/GaAs quantum dot laser
<b>MoP19</b>	D. Gvozdic, University of Belgrade: All-optical nonlinear activation unit based on coupled SOA-DFB laser
<b>MoP20</b>	Z. Ikonc, University of Leeds: Optical gain analysis in strained bulk GeSn for mid-infrared photonics



<b>MoP21</b>	T. Ishida, RIKEN: Toward high-power and high-temperature operation of GaAs/AlGaAs THz-QCLs with optimized active regions
<b>MoP22</b>	G. Jandu, Cardiff University: Asymmetric Tapers for Multimode Interference Reflector Lasers
<b>MoP23</b>	H. Jeong, University of Delaware: Low loss quantum dots laser coupling with multi-layer reconfigurable silicon photonic chiplet
<b>MoP24</b>	H. Kahle, The University of New Mexico: Membrane external-cavity surface-emitting lasers (MECSELs): From semiconductor membrane microchip lasers to high-power applications
<b>MoP25</b>	T. Tenzler, Ferdinand-Braun-Institut (FBH): Monolithic GaAs ring resonator-based Vernier laser
<b>MoP26</b>	M. Kondow, The University of Osaka: Theoretical study on directional output control in Circular Defect in 2D-PhC (CirD) lasers via sub-cavity coupling
<b>MoP27</b>	A. Matsumoto, National Institute of Information and Communications Technology Japan: Experimental Verification of Defect Tolerance in 1.55- $\mu$ m-Band Quantum Dot Laser Diodes
<b>MoP28</b>	B. Namvar, Tampere University: Thermal behavior of a dual-wavelength intra-cavity contact VCSEL for cryogenic operation
<b>MoP29</b>	Y. Niu, Chinese Academy of Sciences: A Monolithic Integrated InP Mode-Locked Laser Diode Producing 1.6-GHz Picosecond Short Pulses
<b>MoP30</b>	M. Osinski, University of New Mexico: Characterization of 1.55- $\mu$ m Multiple-Quantum-Well Diode Lasers at Cryogenic Temperatures Down to 10 K
<b>MoP31</b>	C. Papapanos, University of California Berkeley: Single mode operation of Berkeley Surface Emitting Laser (BerkSEL) under arbitrary pump rate
<b>MoP32</b>	M. Peil, Tampere University: Improved performance of 2.35 $\mu$ m GaSb-based laser diodes using carrier blocking layers
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