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Session Title:	[Fr2D] Heterogeneous Integration 3
Session Date:	August 9 (Fri.), 2024
Session Time:	10:45-12:15
Session Room:	Room D (113)
Session Chair(s)	Dr. Daehwan Jung (KIST, Korea)

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[Fr2D-1] [Invited] 10:45-11:15

III-V Membrane on Si Platform for Energy Efficient Photonic Devices

Koji Takeda and Shinji Matsuo (NTT Corp., Japan)

[Fr2D-2] 11:15-11:30

Heterogeneous III-V-On-Silicon-Nitride Mode-Locked Laser with Intra-Cavity Filter

Stijn Poelman, Tom Reep (Ghent Univ. – imec, Belgium), Ana Lebanov, Xavier Rottenberg, Jon Kjellman (imec, Belgium), Maximilien Billet, and Bart Kuyken (Ghent Univ. – imec, Belgium)

[Fr2D-3] 11:30-11:45

Characterisation of a Transfer-printed InP Saturable Absorber on a Silicon Platform

Tom Reep, Maximilien Billet, Dries Van Thourhout, and Bart Kuyken (UGent-imec, Belgium)

[Fr2D-4] [Invited] 11:45-12:15

Bufferless III-V Active Devices on SOI by Lateral Selective MOCVD

Kei May Lau (The Hong Kong Univ. of Science and Tech., Hong Kong S.A.R)