SiEPICfab-ePIXfab Joint Workshop on Laser Integration & Laser Integration MPW

15-19 November 2021 (Online)

Europe Time (CET)	Canada Time (PST)	Monday, 15 November	Tuesday, 16 November	Wednesday, 17 November	Thursday, 17 November
5:00 PM	8:00 AM	Welcome by Roel Baets, Ghent University – imec , Belgium and Lukas Chrostowski, UBC, Canada	**Invited talk:** BackSide-on-BOX Heterogeneous Integration for Photonic Circuits on Silicon **Speaker:** Torrey Thiessen, University of Toronto, Canada	**Invited talk:** Use cases for sensors **Speaker:** Aaron Zilkie, Rockley Photonics, USA	SiEPICfab Laser-SiP MPW run
5:15 PM	8:15 AM	**Keynote talk:** Epitaxial Growth of Quantum Dot Lasers on Silicon for Photonic Integrated Circuits **Speaker:** John Bowers, UCSB , USA			
5:30 PM	8:30 AM		**Inivted talk:** LioniX Int. laser integration technology **Speaker:** Douwe Geuzebroek, LioniX International, the Netherlands	**Invited talk**: Use case: DARPA LUMOS and Related Optical Microsystem Programs **Speaker:** Gordon Keeler, DARPA, USA	
5:45 PM	8:45 AM				
6:00 PM	9:00 AM	**Invited talk:** Membrane lasers for heterogeneous integration **Speaker:** Shinji Matsuo, NTT, Japan	**Invited talk:** Transfer printing **Speaker:** Gunther Roelkens, Ghent University – imec, Belgium	**Invited talk:** Use cases – Integrated FMCW LiDAR in Si **Speaker:** Amir Tavallaee, SiLC Technologies Inc., USA	ePIXfab Laser-SiP MPW run
6:15 PM	9:15 AM				
6:30 PM	9:30 AM	**Invited talk:** Photonic Wire Bonds and Facet-Attached Microlenses – 3D Nano-Printing for Laser Integration and Beyond **Speaker:** Christian Koos, Vanguard Photonics, Germany	**Invited talk:** Laser Integration for Commercial Foundry Si Photonics Processes **Speaker:** Edward Preisler, Tower Semiconductor, USA	**Invited talk:** Benefits, challenges, and trade-offs in the context of interconnect applications **Speaker:** Thomas Liljeberg, Intel, USA	
6:45 PM	9:45 AM				
7:00 PM	10:00 AM	Adjourn	Adjourn	Adjourn	Adjourn

Chaired by: Lukas Chrostowski

Chaired by: Wim Bogaerts

Chaired by: Gunther Roelkens

Chaired by: Roel Baets