

Day 1: Monday, 21 November 2022

Welcome

Prof. Roel Baets (Chair of ePIXfab, Prof. at Ghent University-imec, Belgium)
Prof. Lukas Chrostowski (Chair of SiEPICfab, University of British Columbia)

Laser Integration Approaches in Silicon Photonics (Tutorial)

Prof. Gunther Roelkens,
Ghent University – imec, Belgium

Future roadmap of laser integration with silicon photonic ICs (Tutorial)

Prof. John Bowers
University of California, Santa Barbara, USA

Day 2: Tuesday, 22 November 2022

The need for hybrid and heterogeneous photonic integration (Tutorial)

Prof. Martijn Heck
Eindhoven University of Technology

Recent progress made by Tower Semi. to offer an integrated laser in SiPh

Dr. Edward Preisler
Tower Semiconductor

Integration of light source in SiPh for high-volume sensing applications

Dr. Aaron Zilkie
Rockley Photonics

Day 3: Wednesday, 23 November 2022

Micro- lasers & high-speed photodetectors by lateral III-V growth on SOI using MOCVD

Prof. Kei May Lau
Chinese University of Hong Kong

An Open Platform with Integrated Lasers

Dr. Tom Mader
OpenLight

Silicon-photonic-based lasers for coherent transceivers

Dr. Christopher Doerr
Aloe Semiconductor

High-Precision Flip-Chip Bonding of InP Lasers on Silicon Photonics

Dr. Joris Van Campenhout
imec

Day 4: Thursday, 24 November 2022

Info Session: Laser-SiP MPW run (Photonic Wire Bonding)

Prof. Lukas Chrostowski
University of British Columbia

Info Session: Laser-SiP MPW run (Micro Transfer Printing)

Prof. Gunther Roelkens
Ghent University - imec

Concluding words