

Day 1 - Tuesday 8th April 2025

08:00 Registration and welcome refreshments

08:50 Housekeeping by Michael Lebby and David Cheskis - Conference Chairs

Delivering more data: AI, machine learning and tomorrow's computing

Sponsored by OPTICA

09:00 **Optical Interconnects for Next Generation of AI Systems**

Presented by Ana Gonzales - iPronics

09:15 **The Evolving Role of Optics in AI Clusters**

Presented by Vlad Kozlov - LightCounting

09:30 **Integrated Neuromorphic Photonics and Optical Computing Accelerators**

Presented by Mat?j Hejda - Hewlett Packard Enterprise

09:45 **Presentation Title to be Confirmed**

10:00 **Presentation Title to be Confirmed**

10:15 **Presentation Title to be Confirmed**

10:30 **Morning Break**

11:10 **Presentation Title to be Confirmed**

11:25 **Presentation Title to be Confirmed**

11:40 **Presentation Title to be Confirmed**

11:55 **Presentation Title to be Confirmed**

12:10 **Presentation Title to be Confirmed**

12:25 **Presentation Title to be Confirmed**

12:40 **Lunch Break**

Optimising materials and architectures to progress PICs

14:10 **Improving Performance of Germanium electro-absorption Modulators**

Presented by Daniel Steckler - IHP Microelectronics

14:25 **UV Photonics and rare-earth Doped Amplifiers with sputter-deposited Aluminium Oxide Waveguides**

Presented by Dawson Bonneville - University of Twente

14:40 **Enabling Increasingly Dense fiber-to-chip Connections in Datacenters**

Presented by Benoit Fleury - Corning

14:55 **Comparing PIC Platforms: What's the Best Fit?**

Presented by Sam Dale - IDTechEx

15:10 **Presentation Title to be Confirmed**

15:25 **Afternoon Break**

16:05 **Presentation Title to be Confirmed**

16:20 **Presentation Title to be Confirmed**

16:35 **Presentation Title to be Confirmed**

16:50 **Presentation Title to be Confirmed**

17:05 **Presentation Title to be Confirmed**

17:20 **Closing Remarks**

18:00 **Networking Drinks / Dinner Reception**

Day 2 - Wednesday 9th April 2025

08:00 Registration and welcome refreshments

08:50 Housekeeping by Michael Lebby and David Cheskis - Conference Chairs

Advancing quantum 2.0 technologies with PICs

09:00 **Advancing Quantum Communications with PICs**
Presented by Taofiq K. Paraïso - Toshiba Europe Limited

09:15 **Presentation by Yole Group**
Presented by Eric Mounier - Yole Group

09:30 **Modular, Fibre-Interconnected Architectures for Photonic Quantum Computers**
Presented by Thien-An Nguyen - Orca Computing

09:45 **Presentation Title to be Confirmed**

10:00 **Presentation Title to be Confirmed**

10:15 **Presentation Title to be Confirmed**

10:30 Morning Break

11:10 **Presentation Title to be Confirmed**

11:25 **Presentation Title to be Confirmed**

11:40 **Presentation Title to be Confirmed**

11:55 **Presentation Title to be Confirmed**

12:10 **Presentation Title to be Confirmed**

12:25 Lunch Break

Harnessing PICs in healthcare, autonomous vehicles and beyond

13:55 **Scaling up LiDAR with Silicon Photonics**
Presented by François Simoens - SteerLight

14:10 **Aluminum Oxide PICs for UV Microscopy and Sensing**
Presented by Nicolas Le Thomas - Ghent University

14:25 **SiN PICs for optical coherence tomography**
Presented by Rainer Hainberger - AIT Austrian Institute of Technology GmbH

14:40 **Industrial Chemical Detection with On-chip Raman Technology**
Presented by Ivan-Lazar Bundalo - InSpek

14:55 Afternoon Break

15:35 **PIC for Automotive LiDAR**
Presented by Marcus Dahlem - imec

15:50 **Presentation Title to be Confirmed**

16:05 **Presentation Title to be Confirmed**

16:20 Closing Remarks

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.