

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 **Presentation by Light Counting**

Presented by Vlad Kozlov - LightCounting

09:30 **Presentation Title to be Confirmed**

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 **Presentation Title to be Confirmed**

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. Paräiso - 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 Ranier 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 **Presentation Title to be Confirmed**

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

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

16:20 Closing Remarks

