

# Day 1 – April 8th

9:30 – 10:20 Coffee and Registration

10:20 – 10:30 Opening remarks

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## Session 1 - Chair: Nicolas Volet (AU)

10:30 – 11:15 **Invited 1: Peter Balling (AU)** - *Light in the service of a good cause: New approaches to mapping radiotherapy dose*

11:15 – 11:35 **Arnulf J. Snedker-Nielsen (KU)** - *Colour Centre Formation in Silicon-On-Insulator for On-Chip Photonic Integration*

11:35 – 11:55 **Shreesha Rao (DTU)** - *Applications of ultra-low-noise supercontinuum generated in all-normal dispersion fibres" (DTU + NKT)*

11:55 – 12:10 Company pitch session

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## Lunch

12:10 – 13:30 Sandwiches at the exhibition

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## Session 2 – Chair: Asger Jensen (NKT Photonics)

13:30 – 14:15 **Invited 2: Søren Stærke (Terma)** - *Star Trackers and the difficulties of optics in space*

14:15 – 14:35 **Lucas C. Ahler (AU)** - *High-efficiency entangled pair generation in InGaP-on-insulator waveguides*

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## Break

14:35 – 15:00 Coffee and cake

15:00 – 16:00 Start-up panel Discussion by OPTICA

16:00 - 18:00 Poster session, networking & exhibition

18:00 Depart for dinner

18:30 – 21:00 Conference Dinner at Villa Post

21:00 End of day 1

# Day 2 – April 9th

8:30 – 9:00 Coffee and Registration

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## Session 3 - Chair: Steen Feldskov (Hamamatsu)

9:00 – 9:20 **Jan Hald (DFM)**- *Frequency-Stable Lasers for Length, Time, and Quantum Applications*

9:20 – 9:40 **Bjarke A. Frederiksen (MIT+DTU)** - *Integrated photonic neural network transceiver for delocalized deep learning*

9:40 – 10:25 **Invited 3: Carsten Thomsen (NKT Photonics)** – *Fiber lasers and their applications in the quantum, space and defence industries*

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## Break

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## Session 4 – Chair: Signe Rolighed Thorsen (Delta Optical Thinfilm)

10:50 – 11:10 **Christian Frydendahl (AU+SDU)** - *2D Semiconductors as On-Chip Light Sources for Integrated Nanophotonics*

11:10 – 11:30 **Valdemar Bille-Lauridsen (DTU)** - *Lasing from 100 nm-scale Buried Heterostructures in InP Nanobeam Cavities*

11:30 – 12:00 **Physics Show Aarhus**

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## Lunch

12:00 – 13:00 Lunch served at the exhibition

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## Session 5 - Chair: Pernille Klarskov (AU)

13:00 – 13:45 **Invited 4: Leif Katsuo Oxenløwe** – *Exabit/s scale Optical Communications with a Single Microcomb Chip for Ultra-Scalable Data Centers*

13:45 – 14:05 **Magnus L. Madsen (KU)** - *Colour Centre Integration in Silicon Photonic Structures for Quantum Computing*

14:05 – 14:35 DOPS 2026 award speech – Caterina Vigliar

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14:35 – 14:50 Poster award session

14:50 – 15:00 Final remarks and goodbye

See you next year!