

DutchPhotonicsEvent Conference

Photonics & Artificial Intelligence

Tuesday 9 February, 15:00 - 17:00

Session chair: Femius Koenderink

Welcome

PhotonicsNL

Babette Bakker

TNO

AI for safe autonomous systems

Start-up pitch

Stefan Abel

Lumiphase

Ultra-efficient light control in Silicon Photonics

Patty Stabile

TU/e

Photonic integrated cross-connects for all-optical neural networks

Guy Verschaffelt

VUB

Photonic reservoir computing and its implementation using delay-based systems

Start-up pitch

Soheil Jahanshahi

MYThronics

Bert Jan Offrein

IBM Zurich

Photonic signal processing for neuromorphic computing

Johannes Feldmann

WWU Munster/University of Oxford

Towards brain-inspired photonic computing

Discussion