

# AI FOR PHOTONICS

FEBRUARY 5, 2021

NB-PHOTONICS WORKSHOP

## PROGRAM

13.30 Joni Dambre (Ghent University)

“About data, models and other magic: a brief introduction to machine learning”

14.30 Daniel Brunner (FEMTO-ST, CNRS/UBFC)

“3D: a link from brains to photonic neural networks”

15.00 Break

15.15 Thomas van Vaerenbergh (Hewlett Packard Labs)

“Silicon photonics for AI or AI for silicon photonics? - an industry perspective”

15.45 Aleksandra Pizurica (Ghent University)

“AI systems for computer vision: Challenges in high-dimensional and multimodal image analysis”

16.15 Break

16.30 Jonathan Berte (Robovision)

“Industrializing deep learning”

17.00 Peter Bienstman (Ghent University)

“Silicon photonics for reservoir computing”

17.30 End

Registration via <https://eventmanager.ugent.be/AIforPH>

Organized by NB-Photonics

<https://www.ugent.be/nb-photonics/en>