

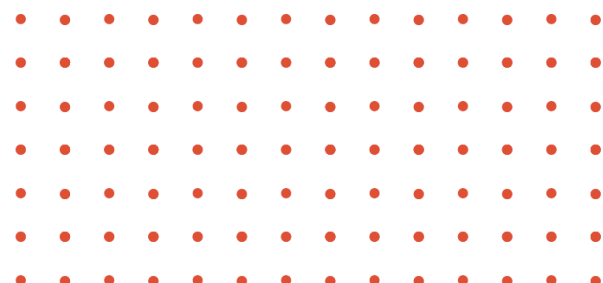
CLP DAY

AI for Photonics, and Photonics for AI

Tuesday October 14, 2025

PROGRAM

- 9:00-9:30 **Welcome coffee and registration**
- 9:30-9:35 **CLP Day Welcome**
Silvia Carrasco, Vice Director of Innovation, Sponsored Research and Public Engagement at ICFO
- 9:35-10:10 Session 1: AI for Photonics
Compiling Machine Intelligence onto Optoelectronic Systems
Dirk Englund
Prof. at MIT | CEO of Axiomatic AI
- 10:10-10:45 **The Power of AI for Photonic ICs design**
Sander Roosendaal
R&D Engineering Director at Synopsis Photonic Solutions
- 10:45-11:05 **Coffee break**
- 11:05-11:40 Session 2: Photonics for AI
Analog optical computer for AI inference and beyond
Doug Kelly
Senior Researcher at Microsoft Research
- 11:40-12:15 **Accelerating personalized medicine through photonics and AI**
Henkjan Gersen
Head of Innovation at iLoF | Honorary Industry Prof. at U. of Bristol
- 12:15-12:45 **Roundtable discussion: Photonics for AI and AI for Photonics**
- 12:45-13:30 Session 3: Ecosystem initiatives
Overview of European funding in AI technologies
Luis Álvarez, Partner at EY
PIXEurope: European Pilot Line on Advanced Photonic Integrated Circuits
Valerio Pruneri, ICFO Group Leader & PIXEurope Pilot Line Director
BSC AI Factory: an AI-oriented supercomputing service environment
Mariona Sanz, Head of Innovation & Business Development at the Barcelona Supercomputer Center
- 13:30-14:30 **Event picture and networking lunch**
- 14:30-17:00 **Scheduled meetings**





Trustees



CERCA Center



Member of



Distinctions



Supported by

