



# Photonics for Energy, Environment and Cultural Heritage

## Milan

### Dates.

27-28 May, 2025

### Venue.

**Politecnico di Milano**  
**Campus Leonardo, Building 1**  
Piazza Leonardo da Vinci 32, Milano

### Audience.

University students and early stage researchers.

### Registration.



Register at  
[www.carlahub.eu](http://www.carlahub.eu)  
before **21 May 2025**

### Partners



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PHOTONICS PUBLIC PRIVATE PARTNERSHIP

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Organized by



**POLITECNICO  
MILANO 1863**

In collaboration with



**OPTICA EPS SPIE**  
Student Chapters of  
**POLITECNICO DI MILANO**

# Photonics for Energy, Environment and Cultural Heritage

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### Program

## 27 May 2025

16:15–16:30 **Welcome and introduction**

16:30–17:30 **Photonics for sensing**

**Photonics technologies for cultural heritage**, Claudia Daffara, University of Verona

**Photonics technologies for atmosphere monitoring**, Gianluca Galzerano, CNR-IFN

**Photonics technologies for food quality assessment**, Alessandro Torricelli, Politecnico di Milano

17:30–18:30 **Parallel sessions**

**Quantum race – Understanding quantum mechanics is as easy as a game!** Fabio Chiarello, CNR-IFN – Roma

**Your hands on real photonics-based devices!** with Caterina Amendola (Politecnico di Milano), Cristian Manzoni (CNR-IFN) and Giorgia Tortora (Politecnico di Milano)

18:30–19:00 **Aperitivo & free networking**

19:00–19:45 **Parallel sessions**

**Panel of Alumni Testimonials – My start in Photonics** with Anna Cesaratto (EssilorLuxottica), Silvia Liprandi (XNext), Sara Mosca (STFC-UKRI), and Federico Sala (Technoprobe)

**Panel of start-up founders – From a research idea to a start-up company** with Francesco Ceccarelli (EPHOS), Jacopo Frigerio (EYE4NIR), Antonio Iacchetti (Ribes Tech), Michele Lacerenza (PIONIRS), Francesco Meinardi (Glass To Power), and Matteo Negro (Cambridge Raman Imaging)

19:45–20:30 **Dinner & free networking**

## 28 May 2025

16:15–16:30 **Welcome and introduction**

16:30–17:30 **Photonics for a sustainable world**

**Renewable batteries: how spectro-electrochemistry can be of help**, Benedetto Bozzini, Politecnico di Milano

**Hybrid-quantum: a step forward for sustainable concentrator photovoltaics**, Alessandro Minuto, RSE S.p.A

**Hyperspectral imaging and environmental monitoring**, Cristian Manzoni, CNR-IFN

17:30–17:45 **POLIMI Career service**

**Career Service: Introduction to our Services**, Martina Menesatti, Politecnico di Milano

17:45–18:15 **The healing power of light**

**Lighting for wellbeing**, Andrea Siniscalco, Politecnico di Milano

18:15–18:45 **Aperitivo & free networking**

18:45–19:45 **Your future life in photonics**

**Speed-date session** with Federico Campaner (Media Lario), Selene Carrara (Marelli Europe), Luca Casonato (Quanta System), Matteo Colopi (IPG Photonics), Filippo Coviello (EssilorLuxottica), Lorenzo Frabasile (CevLab), Alberto Ghezzi (Capgemini Engineering), Vittorio Grimaldi (EPHOS), Alessandro Minuto (RSE), Erika Moggi (BLUETHINK), Riccardo Motta (Optoprim), Stefano Palmieri (Vimercati), Sergio Sutti (OPTEC), Daniele Viola (Bios)

19:45–20:30 **Dinner & free networking**