



# 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 **19 May 2025**

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PHOTONICS<sup>21</sup>

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This project has received funding from the European Union Horizon Europe research and innovation program under grant agreement No 101135838

Organized by



**POLITECNICO  
MILANO 1863**

In collaboration with



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

Partners



# Photonics for Energy, Environment and Cultural Heritage

## Milan



### 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!**

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

19:00–19:45 **Parallel sessions**

**Panel of Alumni Testimonials – My start in Photonics** with Anna Cesaratto, Sara Mosca, and Federico Sala

**Panel of start-up founders – From a research idea to a start-up company** with Francesco Ceccarelli, Jacopo Frigerio, Antonio Iachetti, Michele Lacerenza, Francesco Meinardi, and Matteo Negro

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 energy: how photonics can be of help**

Benedetto Bozzini, Politecnico di Milano

**Photonics for innovative photovoltaic modules**

Alessandro Minuto, RSE S.p.A

**Hyperspectral imaging and sustainability**

Cristian Manzoni, CNR-IFN

17:30–18:00 **The Healing power of light**

**Lighting for wellbeing**

Andrea Siniscalco, Politecnico di Milano

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

18:30–19:30 **Your future life in a photonics-based company**

Speed-date with Alumni now working in a company

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