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DI TRIESTE



POLITECNICO
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NANOSYSTEMS for PHOTOTHERMAL and PHOTOCATALYTIC WATER TREATMENT

A workshop organized within the
framework of the project

COPE - COMposite
nanomaterials coupling
Photothermal Evaporation
and photocatalysis for
durable water purification
systems

 Tuesday, January 27th 2026

 9.00 AM - 1.00 PM

 Università degli Studi di Milano
Room G11, via Golgi 19

Participation is free upon registration.
Register now at:

<https://forms.office.com/e/NkCdFRFaHU>

AGENDA

- 9:00 Welcome**
- 9:30 Paolo Fornasiero**
Unexpected reactivity of innovative
but also conventional
photocatalysts
- 10:00 Francisco J. Maldonado**
Towards the sustainable synthesis
of carbon materials and
composites for photo and
photothermal applications
- 10:20 Marco Minella**
Graphitic carbon nitride as
photocatalyst and as support to
drive heterogeneous photo-Fenton
processes
- 10:40 Maria Vittoria Diamanti,
Vanni Lughi, Daniela Meroni**
The COPE project: photothermal &
photocatalytic materials for solar
evaporators
- 11:10 Coffee break**
- 11:40 Nicolas Keller**
Moving Beyond Photocatalysis
through Synergistic Light and
Heat Contributions
- 12:00 Vincenzo Vaiano**
g-C₃N₄-based photocatalysts for
the visible-Light-driven degradation
of emerging contaminants
- 12:20 Silvia Suarez**
Challenges and prospects in the
application of photocatalysis for
air pollutant removal
- 12:40 Christian Klinke**
Advanced confocal microscopy for
tracking charges transport in
colloidal nanomaterials



Finanziato
dall'Unione europea
NextGenerationEU



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