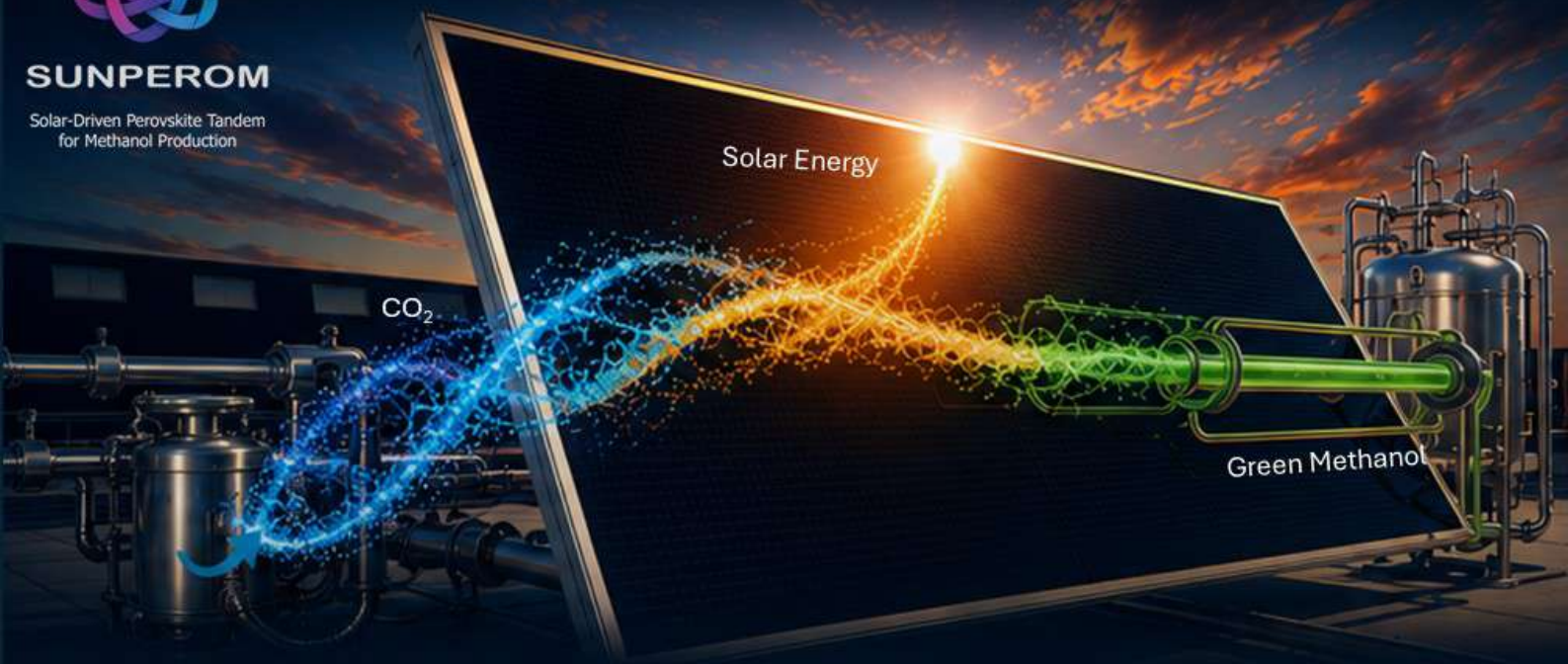




SUNPEROM

Solar-Driven Perovskite Tandem
for Methanol Production

SUMMER SCHOOL



Solar-to-Methanol Conversion

Perovskite Tandem Systems & CO₂ reduction



5th – 7th OCTOBER 2026



Institut de Chimie Physique – ICP
Université Paris-Saclay, Orsay, France



CO₂ conversion &
photocatalysis



High-voltage
tandem solar cell



Solar fuels &
methanol



Sustainability &
scale-up

COORDINATOR



IRITALY

IRITALY Trading Company S.r.l.
(Project Coordinator)
Dr. Mahmoud Zendeheel

EPFL

ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE
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PARTNERS

UCL

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PARIS-SACLAY**

CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE /
Université Paris-Saclay
Dr. Mohamed Nawfal Ghazzal



SUNPEROM Project
Solar-Driven Perovskite Tandem
for Methanol Production

European
Innovation
Council



Funded by
the European Union



REGISTRATION OPEN!

Scan the QR code or visit
www.sunperom.eu
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PROGRAM OVERVIEW



DAY 1

Photoelectrocatalysis & CO₂ Reduction

- ✓ Interface Engineering in Perovskite Solar Cells
- ✓ Solar Energy Conversion & Reactor Design
- ✓ Photocatalytic CO₂ Reduction
- ✓ Group Discussion



DAY 2

Perovskite Materials

- ✓ Stability & Photoluminescence of Perovskites
- ✓ Advanced Materials for Perovskite Tandem Cells
- ✓ Performance of Perovskite Tandem Systems
- ✓ Group Discussion



DAY 3

System Integration & Sustainability

- ✓ Life Cycle Assessment & Sustainability Metrics
- ✓ Techno-economic Analysis of Methanol Production
- ✓ Policy and Market Perspectives for Solar Fuels
- ✓ Closing Ceremony



WHO SHOULD ATTEND?

PhD students, postdocs and researchers interested in photovoltaics, catalysis, material science, chemical engineering and sustainable fuels.

SPEAKERS

Dr. Ghewa Alsabeh
Dr. Kamran Dastafkan
Dr. Mohamed Nawfal Ghazzal
Dr. Mojtaba Abdi Jalebi
Dr. Narges Yaghoobi Nia
Dr. Mahmoud Zendejdel
Dr. Dimitris Vozios



**30
PLACES
AVAILABLE**



**DEADLINE
SEPTEMBER
2026**



**FREE
APPLICATION**