

WORKSHOP – UNITE!

CSP-IMT

Online Workshop 2026



 DATE 2 July 2026	 TIME 09:00 – 16:00 CET	 BREAK 12:00 – 13:00	 FORMAT Online (Microsoft Teams) 	 PARTICIPATION Free of Charge	 MATERIALS & INFORMATION Available through the QR code
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ABOUT THE WORKSHOP

Within the framework of the UNITE! European University Alliance, this international online workshop brings together leading researchers from Wrocław University of Science and Technology (WUST), Politecnico di Torino (POLITO), and Universitat Politècnica de Catalunya (UPC) to provide an overview of modern solar energy technologies and their role in future sustainable energy systems.

The event is designed to introduce participants to cutting-edge developments in photovoltaic systems, concentrated solar power (CSP), renewable energy integration, and innovative decarbonisation solutions, while showcasing experimental facilities, research infrastructures, and industrial applications.

Industry experts will also contribute through invited keynote presentations, offering perspectives on technology transfer and real-world deployment.

WORKSHOP OBJECTIVES

Participants will gain insights into:

- ✓ State-of-the-art solar energy technologies
- ✓ Experimental facilities and research infrastructures
- ✓ Integration of renewable energy systems
- ✓ Energy storage and sector coupling strategies
- ✓ Industrial applications and technology transfer
- ✓ Opportunities for research collaborations, theses, and PhD projects

This project was funded through the Seed Fund Initiative of the European University Alliance Unite!, University Network for Innovation, Technology and Engineering. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the Unite! Alliance.

PROGRAMME

09:00 – 11:00

Solar Energy Fundamentals and Photovoltaic Technologies

PhD K. Gwoźdz (WUST)

Topics include:

- Solar energy fundamentals
- Photovoltaic technologies and applications
- Emerging trends in solar energy systems



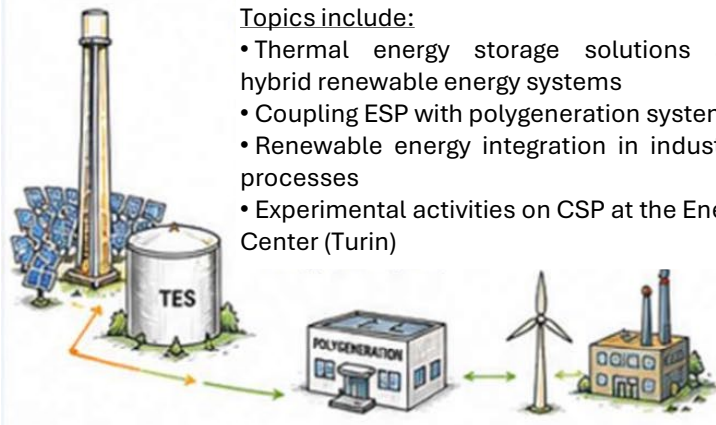
11:00 – 12:00
& 13:00 – 14:00

Renewable Energy Integration and Concentrated Solar Power Applications

PhD D. Papurello (POLITO)

Topics include:

- Thermal energy storage solutions and hybrid renewable energy systems
- Coupling ESP with polygeneration systems
- Renewable energy integration in industrial processes
- Experimental activities on CSP at the Energy Center (Turin)



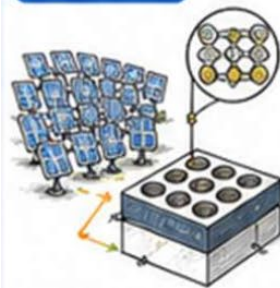
14:00 – 16:00

Materials for CSP Systems: Characterization, Durability and Performance Assessment

PhD J.I. Rojas (UPC)

Topics include:

- Advanced materials for CSP systems
- Characterization techniques
- Durability assessment
- Performance evaluation and reliability



CLOSING SESSION



Opportunities for Thesis Activities and Collaborations

Joint discussion with representatives from:

- WUST
- POLITO
- UPC

PARTICIPATION
SCAN TO JOIN!



Free Participation
Online via Microsoft Teams

Scan the QR code for registration and access to workshop materials and information.

PARTICIPATING INSTITUTIONS



Wrocław University of Science and Technology



ENERGY CENTER



POLITECNICO DI TORINO



UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

INDUSTRY & RESEARCH PARTNERS

UNIVERSITÀ DELLA CALABRIA

BRUK-BET ENERGIA

COMMANTECH

Centre de Développement des Énergies Renouvelables

EURASIAN NATIONAL UNIVERSITY

SINGAPORE UNIVERSITY

MANAGING COMPOSITES

UNIVERSITAT POLITÈCNICA DE CATALUNYA

PROMOTION CHANNELS

UNITE! Alliance communication channels



University websites and news portals



Official LinkedIn pages of WUST, POLITO, and UPC



Personal LinkedIn profiles of organisers and speakers



UNITE! webpages and newsletters

ORGANISERS



Wrocław University of Science and Technology



Politecnico di Torino



UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

JOIN US TO EXPLORE THE FUTURE OF SOLAR ENERGY AND RENEWABLE ENERGY SYSTEMS!

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