PUBLIC WORKSHOP

WINTER SCHOOL: Agenda for December 11th, 2025 Venue: Barcelona Health Hub (Recinte Modernista de Sant Pau) Carrer de Sant Antoni Maria Claret, 167, 08025 Barcelona Link to join: Click here to connect		
Time (CET)	Presentation	Partner
09:45 – 10:00	Arrival and registration	
10:00 – 10:05	Welcome	David González, LEITAT
10:05 – 10:20	Next Generation Pervaporation Membranes for Ethanol Purification	Paloma Ortiz, LEITAT
10:20 – 10:40	Hybrid COF for dual CO2 reduction and water oxidation: NEFERTITI approach	Roberto González, NUIG
10:40 – 11:00	Computational Tools for Gas-Phase Catalysis: Mechanisms, Kinetics, and Reactor Modeling	Santiago Aparicio, UBU
11:00 – 11:15	Hansen solubility parameters: Green solvent selection	Aina Cabrer, LEITAT
11:15 – 11:30	Coffee break	
11:30 – 12:00	TBD	Carolina Gimbert, UAB
12:00 – 12:30	Production of high-purity methanol from CO2 by means of selective adsorption enhanced reaction processes	Aitor Gual, Eurecat
12:30 – 13:10	Legal and policy framework for synthetic fuels in the EU	Lydia Kriki
13:10 – 13:30	Porous materials for photocatalytic CO2 reduction	Kathryn McCarthy, NUIG
13:30 – 15:00	Lunch	
15:00 – 15:20	PHOTOSINT. Photoelectrocatalytic systems for solar fuels energy integration into the industry with local resources	Sergi Dantés, ICIQ
15:20 – 15:40	PHOENIX. Photo-electro Integrated Next-Generation energy technologies	Ainhoa Cots, LEITAT

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Time (CET)	Presentation	Partner
15:40 – 16:00	Algaesol. Sustainable aviation and shipping fuels from microalgae and direct solar BES energy	TBD, LEITAT
16:00 – 16:20	Coffee break	
16:20 – 16:40	FlowPhotoChem. Demonstrating solar ethylene production, reactor integration in multi-step conversion from H2O and CO2	Pau Farrás, NUIG
16:40 – 17:00	FUELS-C, NET-FUEL and GAIA projects	Daniele Molognoni, LEITAT

Coffee and lunch breaks will be provided by the host.

Organizational details:

- Please note that the times are given in European Central SummervTime (CEST).
  13:30 (14:00) CEST in Europe (Terrassa, Barcelona) corresponds to:
  - 07:30 am (08:00 am) in Michigan, USA (-6 hours)
  - 2:30 pm (13:00v pm) in Galway, Ireland (-1 hours)
  - 14:30 pm (15:00 pm) in Turkey, Cyprus (+2 hours)
  - 19:30 pm (20:00 pm) in Beijing, China (+6 hours)

- We are planning to **record the meetings** – we assume that this is OK for everyone, but in case you object, please let us know latest the day before the meetings by e-mail.

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