

## 2<sup>nd</sup> HyWay (Hydrogen from Waste) Training School

- **Event: HyWay Training School**
- **Date: 21<sup>st</sup> – 23<sup>rd</sup> Jan, 2026**
- **Host: Energy Department & Energy Center, Politecnico di Torino, Torino ITALY**
- **Venue: Energy Center of Politecnico di Torino; address: Via P. Borsellino 38/16, Torino ([Map](#))**
- **Chair: Prof Andrea Lanzini**
- **Co-chairs: Prof Davide Papurello; Dr Francesco Demetrio Minuto**



The 'Energy Center' of Politecnico di Torino

**Day 1 – 2<sup>nd</sup> HyWay Workshop and  
Training School  
(21<sup>st</sup> Jan 2026, Wednesday)**

**SCHOOL RECEPTION  
(Registration &  
evening cocktail 🍸 )  
17.30 – 19.00**

Venue: Energy Center Hall

**Day 2 – 2<sup>nd</sup> HyWay Workshop and  
Training School  
(22<sup>nd</sup> Jan 2026, Thursday)**

MS Teams: [LINK](#)

Time (All times in Central European Time (Paris/Rome/Berlin))	Title	Speaker	Venue	Attendees
9:00-9:20	Registration		Auditorium – Energy Center	Training school
9:20-9:30	Introduction to the Training School	Prof Andrea Lanzini ( Politecnico di Torino )	Same as above	Training school
9:30-10:10	Indicators and methodological approaches for assessing the sustainability of advanced biofuels and e- fuels – <i>Invited Lecture</i>	Dr Giuseppe Di Florio ( ENEA )	Same as above	Training school
10:10-10:40	Coffee break   Morning		Same as above	Training school
10:40-11:20	Waste-to-Hydrogen pathways: Gas composition and char structure evolution during pyrolysis of food and digestate waste (POLITO Secondee)	Prof Davide Papurello ( Politecnico di Torino )	Same as above	Training school
11:20-12:00	Development of solid-based materials for integrated CO <sub>2</sub> capture and utilisation	Prof Chunfei Wu ( Queen's University of Belfast )	Same as above	Training school
12:00-13:30	Lunch		Same as above	Training school
13:30-14:10	Hydrogen separation from gas mixtures – fundamental technological approaches and recent research developments	Prof Bradley Paul Ladewig ( University of Luxembourg )	Same as above	Training school
14:10-14:50	Overview on hydrogen storage technologies with a focus on solid-state storage – <i>Keynote lecture</i>	Dr Michael Hirscher ( Alumni – Max Planck Institute )	Same as above	Training school
14:50-15:20	Coffee break   Afternoon		Same as above	Training school
15:20-16:00	Hydrogen from Waste: Electrochemical and Thermochemical Valorization of Wastewater and Organic Residues	Prof Alessandro Monteverde ( Politecnico di Torino )	Same as above	Training school
16:00-16:40	Regulating Hydrogen in the EU	Dr. Jaqueline Pinto ( University of Eastern Finland )	Same as above	Training school
16:40-17:30	Campus / lab tour	POLITO's staff ( Politecnico di Torino )	Same as above	Training school

MS Teams: [LINK](#)

**Day 3 – HyWay Training School**  
(23<sup>rd</sup> Jan 2026, Friday)

UK Time	Title	Speaker	Venue	Attendees
9:00-9:30	<i>Registration   Welcome reception</i>		<b>Auditorium – Energy Center</b>	<b>Training school</b>
9:30-10:10	<b>Hydrogen as an enabler of decarbonisation: case studies across end-use sectors – Invited Lecture</b>	<b>Prof Marta Gandiglio</b> ( Politecnico di Torino )	Same as above	Training school
10:10-10:50	<b>High-value products from waste via thermochemical conversion processes</b>	<b>Dr Yeshui Zhao</b> ( University of Aberdeen )	Same as above	Training school
10:50-11:20	<i>Coffee break   Morning</i>		Same as above	Training school
11:20-12:00	<b>Techno-economic and environmental analysis in process modelling of advanced energy plants – Invited lecture</b>	<b>Dr Daniele Ferrario</b> ( Politecnico di Milano )	Same as above	Training school
12:00-12:40	<b>Purification Strategies for Waste-Derived Hydrogen and Skills Development through the HyAcademy European Project</b>	<b>Dr. Salvatore Cannone</b> ( Politecnico di Torino )	Same as above	Training school
12:40-14:00	<i>Lunch</i>		Same as above	Training school

# Hydrogen from Waste

