



PRELIMINARY PROGRAM

PhD International Intensive Course – 3rd Edition

Towards Zero-Emissions Sustainable Mobility

Electric Propulsion, Low-Carbon Fuels Technologies and Energy Conversion Systems

Main venue

Complesso dei SS. Marcellino e Festo
Università degli Studi di Napoli Federico II
Largo S. Marcellino 10 – Napoli, Italy

Venue on Wednesday, October 28th

SPSB, Piazzale Tecchio 80
Biblioteca Storica / Aula Bobbio, II floor
Napoli, Italy

Sunday, October 25th

Time	Activity
18:00–20:00	Welcome Cocktail

Monday, October 26th

Time	Activity	Speaker / Notes
08:15–09:45	Registration	
09:00–09:45	Opening	
09:45–11:15	Industrial talk	Hitachi Rail, Italy
11:30–13:00	Electric Mobility – Powertrain, energy conversion, storage and control	Pietro Tricoli, University of Birmingham, United Kingdom
13:00–14:30	Lunch	
14:30–16:30	Advanced Low-Temperature and Dual-Fuel Combustion Concepts for Sustainable and Decarbonized Mobility – Part I	Antonio Garcia, Universitat Politècnica de València, Spain
16:30–17:00	Coffee Break	
17:00–18:30	Sustainable Energy Systems: Background and Simulation	Jörg Lampe, RH – Rheinische Hochschule Cologne, University of Applied Sciences, Germany

Tuesday, October 27th

Time	Activity	Speaker / Notes
08:30–10:30	Low-Carbon Fuels and Advanced Combustion Analysis – Part I	José V. Pastor, Universitat Politècnica de València, Spain
10:30–11:00	Coffee Break	
11:00–13:00	Sustainable Energy Systems: Optimisation and Reliability Analysis	Jörg Lampe, RH – Rheinische Hochschule Cologne, University of Applied Sciences, Germany
13:00–14:30	Lunch	
14:30–16:00	Advanced Low-Temperature and Dual-Fuel Combustion Concepts for Sustainable and Decarbonized Mobility – Part II	Antonio Garcia, Universitat Politècnica de València, Spain
16:00–16:30	Coffee Break	
16:30–18:00	Low-Carbon Fuels and Advanced Combustion Analysis – Part II	José V. Pastor, Universitat Politècnica de València, Spain
18:00–18:30	Team Formation and Activity Assignment	

Wednesday, October 28th

Venue: SPSB, Piazzale Tecchio 80 – Biblioteca Storica / Aula Bobbio, II floor, Napoli, Italy

Time	Activity	Speaker / Notes
09:30–11:00	SAF – Sustainable Aviation Fuel	Francesca Di Mare, Ruhr University Bochum, Germany
11:00–11:30	Coffee Break	
11:30–13:00	Electric Mobility – Charging infrastructure and grid integration	Pietro Tricoli, University of Birmingham, United Kingdom
13:00–14:30	Lunch	
14:30–15:30	DII PhD Poster Session	
15:30–18:30	Visit to DII Laboratories	
20:00–23:30	Social Dinner	

Thursday, October 29th

Time	Activity	Speaker / Notes
08:30–09:30	Tutorial Session	Antonio Garcia, Universitat Politècnica de València, Spain
09:30–10:30	Tutorial Session	José V. Pastor, Universitat Politècnica de València, Spain
10:30–11:00	Coffee Break	
11:00–13:00	Tutorial Session	Jörg Lampe, RH – Rheinische Hochschule Cologne, University of Applied Sciences, Germany
13:00–14:30	Lunch	
14:30–15:30	Team Activity Preparation	
15:30–16:00	Coffee Break	
16:00–18:30	Team Activity Preparation	

Friday, October 30th

Time	Activity
09:00–10:30	Team Activity Presentation
10:30–11:00	Coffee Break
11:00–12:30	Team Activity Presentation
12:30–13:00	Organizational Notes
13:00–14:30	Lunch
14:30–15:30	Team Activity Presentation
15:30–16:15	Coffee Break and Peer Grading
16:15–17:30	Certificate Delivery and Final Remarks

Notes

- The program runs from Sunday, October 25th to Friday, October 30th.
- Main academic activities start on Monday, October 26th.
- Most activities take place at the Complesso dei SS. Marcellino e Festo, Napoli, Italy.
- Wednesday activities take place at SPSB, Piazzale Tecchio 80, Napoli, Italy.