

EMERGE 2025

THE SUMMER SCHOOL ON  
ELECTRICAL  
MACHINES AND  
DRIVES FOR GREEN  
TRANSPORTATION  
SYSTEMS  
3RD EDITION

Modena  
Italy

September  
2025

Organized by



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA



MOTORVEHICLE  
UNIVERSITY OF  
EMILIA-ROMAGNA



Fondazione  
Marco Biagi

With the contribution of



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EMILIA-ROMAGNA



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## EMERGE 2025

### Electrical Machines and Drives for Green Transportation Systems – III Edition

This School promotes **innovation**, **upskilling** and **reskilling** in the automotive and transportation sectors, fostering the training of highly qualified personnel, able to face the challenges of the electrical revolution.

It's a unique event in Europe, open to young researchers and PhD students, to exchange experience and technical information about their projects, to attend lectures, visit companies and meet representatives from top industries in the transportation area.

**Engineers from Industry are also welcomed**, it is an opportunity for them to stay updated with the latest innovations in electric transportation field.

The Summer School is organized in collaboration with the **Electrical Machines Technical Committees of the IEEE IES, IEEE Power Electronics Society**, with the support of the **Fondazione Democenter**, and it is endorsed by **MOST- Centro nazionale per la mobilità sostenibile**, and **Motus-E**.

It is organized in Modena, in the center of Emilia-Romagna region, which is world-renowned for its automotive industry.

The program is enriched with social events and cultural experiences, to embrace the history and innovation of the Italian automotive sector and discover local beauty and culture.

Thematic technical areas covered:

**Electrical Machines Design and Modeling**

**Electrical Drives and their Control**

**Electrical Drives Reliability and Monitoring**

**Industrial and Transport Applications of Machines and Drives**



**8<sup>th</sup> -12<sup>th</sup> September 2025**



**h 9.00 - 18.00**



**Department of Engineering Enzo Ferrari - Via P. Vivarelli 10, 41125 Modena (Italy)**



**All speeches and lessons will be in English.**

Read more: <https://www.emergephd.unimore.it/>

## OBJECTIVES

- Foster closer interaction between academia and industry and provide young engineers with a platform to collaborate on sustainable solutions, facilitate networking, and discuss innovative developments.
- Engage young engineers and researchers in a positive, reciprocal relationship with academia and industry, and actively contribute and share perspectives to help advance the electrification in the transportation sector.
- To attend lectures on the latest development and research in the green transportation sector.
- To develop soft skills, techniques and methodologies for successful research, fund raising, to be the leader of tomorrow and drive the electrical revolution in transportation.



## REGISTRATION AND PAYMENT

You can use the **following form** to registration.

This form must be sent to the Democenter-Sipe Foundation by email to: [formazione@fondazionedemocenter.it](mailto:formazione@fondazionedemocenter.it)

### CONTACT

For general information, administrative questions and registration procedure, please contact:

**Democenter Foundation**, Via P. Vivarelli, 2 (c/o Campus DIEF) 41125 Modena – Italy.

**Phone number:** +39 059.2058153

**Email address:** [formazione@fondazionedemocenter.it](mailto:formazione@fondazionedemocenter.it).

# EMERGE 2025

## Electrical Machines and Drives for Green Transportation Systems – III Edition

### PARTICIPANT REGISTRATION DETAILS

Name Surname.....  
Phone number.....E-mail.....  
Degree .....Job role.....

### AGENCY

Business Name.....  
tax code or VAT number.....Codice SDI (if need) .....  
Company activity.....  
Address.....Postal Code.....  
State.....City of.....Prov. ....  
Number of employees .....Phone .....E-mail.....

### BILLING DATA (only if different from the company data)

Header and address.....  
Tax code or VAT number.....Codice SDI.....

### **2025 Fee for Ancillary Expenses - SPECIAL PRICE FOR PRE-REGISTRATION until 1st July (sign the choice):**

- ☐ **3 days registration: 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> September - 400€ +Vat.**
- ☐ **Additional day or event (e.g. social dinner or welcome cocktail) - 70€ +Vat.**
- ☐ **Special price for the second member of each company: 360€ +Vat./ 65€ +Vat.\***

\*10% discount starting from the 2nd member for each company.

**Note: The participation fee does NOT cover the educational activities or any part of the School's training offer. It is solely intended to cover ancillary expenses such as meals and other logistical costs related to the program.**

### REGISTRATION

Registration with special price must take place within 1<sup>st</sup> July sending the form by email to: [formazione@fondazionedemocenter.it](mailto:formazione@fondazionedemocenter.it). After this date the registration price will increase.

For any clarifications you can contact us on: 059 2058153.

### PAYMENT

The registration fee must be paid before the beginning of the course. Payment of registration fees is via bank transfer (currency Euros) to: **Fondazione Democenter-Sipe** IBAN: **IT44C0538712905000000551764** BIC **BPMOIT22 XXX** Banca **Popolare dell'Emilia - Romagna, Ag. 5 di Modena**. Democenter-Sipe Foundation will send the invoice upon receipt of the registration fee.

The data collected will be processed in accordance with the European data protection regulation (EU Reg. 2016/679). For more information on treatment, privacy and exercisable rights, see the information on the website [www.democentersipe.it/privacy/](http://www.democentersipe.it/privacy/)

Consent to the processing of your personal data with reference to the information received.

☐ YES ☐ NO

Date .....Stamp and signature.....