

## The IEEE Electromagnetic Compatibility Society – Italy Chapter

invites you to attend the following in-person

### Technical Meeting on Wednesday June 18, 2025

at Politecnico di Milano, Campus Leonardo, Edificio 5, Aula Beltrami

online announcement: [IEEE Events](#)

## Modern Trends in Automotive EMC

The automotive industry has been progressing at a rapid pace with the development of electric propulsion and advanced driver assistance systems, thus facing new challenges related to Electromagnetic Compatibility (EMC). This technical meeting will cover the most modern trends in Automotive EMC measurements and modeling. Namely, the latest developments in test chambers for radiated emissions and immunity, as well as novel methodologies for conducted emission measurement and electromagnetic-interference filter design will be reviewed by two leading international experts. Recent trends in EMC modeling techniques will be presented by researchers working in the Italian academia. Finally, the meeting will end with a visit to the EMC laboratory (EMCLAB) at the Department of Electronics, Information and Bioengineering (DEIB) of Politecnico di Milano.

### AGENDA

- 14:30–14:40**    **Welcome**
- 14:40–15:05**    **EMC Modeling Techniques for Automotive and Industrial Applications**  
*Xinglong Wu, IEEE EMC-S Young Professional Ambassador & Politecnico di Milano, DEIB*
- 15:05–15:30**    **Conducted Emissions and Power Line Filtering: Insights into Three-Phase Measurement and PLF Design for automotive applications**  
*Albert-Miquel Sànchez Delgado, EMZER, Barcelona, Spain*
- 15:30–15:55**    **Susceptibility to EMI of the Vertical Interface of a Battery Management System for Electric Vehicles**  
*Amirhossein Ahmadi, Politecnico di Torino, DET*
- 15:55–16:20**    **Novel Chamber Designs for Full Vehicle EMC and Antenna Testing**  
*Zhong Chen, ETS-Lindgren, Cedar Park, Texas, USA*
- 16:20-17:00**    **Visit of the EMCLAB at DEIB (Building 7).**

Speakers' bios available at: [IEEE Events](#)

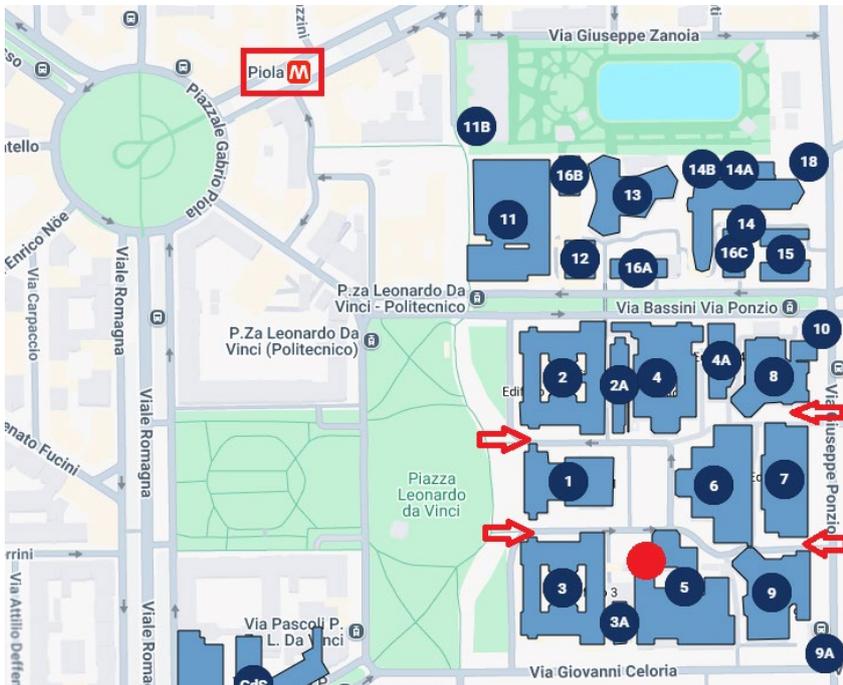
## REGISTRATION (IN-PERSON)

Participation in the in-person meeting is free and the meeting is open to all (whether they are IEEE members or not). We just ask you to register your presence at [IEEE Events](#) by Monday 16/06 h.24:00.

## STREAMING

The talks 14:30-16:20 CEST (UTC+2) will be also streaming online on Webex (join by this [LINK](#)). No registration is required to participate in the online meeting.

## VENUE



The technical meeting will be held at **Politecnico di Milano**, in **Building 5** (room **Aula Beltrami**) of the historical **Campus Leonardo** located in **Piazza Leonardo da Vinci 32**.

⇒ Campus gates (pedestrian)

● Aula Beltrami (ground floor of Building 5)

**Public transportation:**

 Metro Line 2 (green line) Piola station

Lambrate Railway Station (1 km)

Detailed info on Aula Beltrami (in Italian) [here](#).

## EVENT TECHNICALLY CO-SPONSORED BY

[ETS-Lindgren](#), Cedar Park, TX, USA

[EMZER](#), Barcelona, Spain

## FOR ANY QUESTIONS

Contact the IEEE EMC-S Italy Chapter: [giordano.spadacini@polimi.it](mailto:giordano.spadacini@polimi.it)

IEEE EMC-S Italy Chapter Website: <https://emc-chap-it.polimi.it/>