

# Upcoming Conference

**WEMDCD 2021, Modena (Italy),  
8-9 April 2021**

General Co-chairs: Davide Barater (Italy),  
Giovanni Franceschini (Italy)



# Welcome!

WEMDCD has now set the tradition of an international workshop where up-to-date research activities in electrical machines and drives are presented. As the automobile world is rapidly electrifying, the 2021 edition will bring cutting edge technologies to the heart of the automotive industry, allowing for enhanced exchanges between academia and industrial partners.

Modena is located in the centre of Emilia-Romagna region and it is world-renowned for its automotive industry, since the factories of the famous Italian sports car makers Ferrari, Lamborghini, Pagani and Maserati are located in the area. Here is where the history of the four and two wheels was written and innovation continues, thanks to thriving and creative industries and four world class universities, merged together in MUNER – The Motorvehicle University of Emilia-Romagna - to drive the transportation electrical revolution.

This conference will offer excellent opportunities to meet other experts in this research field and making new connections. Modena boasts an extraordinary variety of social venues and fine restaurants, where meet and share ideas tasting the delicious traditional cuisine and ingredients of the region, such as Parmigiano Reggiano, balsamic vinegar and prosciutto.

Modena is just a 30 minutes drive from Bologna “G. Marconi” International airport, whilst high speed train “Mediopadana” station has direct links to many Italian cities including Milan, Turin, Florence and to Rome in less than 3 hours.

We invite you to come to Modena, to discover a territory rich of culture and charm.

**Modena - a city where tradition meets innovation, a magnificent backdrop to the meeting and exchanging of ideas at the unique, international event of WEMDCD 2021.**

*Giovanni Franceschini and Davide Barater*

# Location

## **WEMDCD 2021, Modena (Italy), 8-9 April 2021**

- ✓ Complesso San Geminiano - Department of Law UniMore, via San Geminiano, 3 41121 – Modena
- ✓ Aula Convegni





# Modena



Modena historical city center is adorned of sumptuous palaces (in particular the **Ducal Palace**), rich churches, extraordinary museums (like the **Estense Gallery** with masterpieces by Tintoretto and Correggio, plus a bust by Bernini) and important monuments.

The **Duomo**, the **Ghirlandina tower** and Piazza Grande have been recognized as a **UNESCO World Heritage Site!**

Modena is the Land of Motors, as the **Ferrari Museums** well demonstrate with their rich collections of amazing cars. It is also the heart of the **opera bel canto** with Mirella Freni and Luciano Pavarotti, to whom the Municipal Theatre is dedicated. Not to mention balsamic vinegar of Modena, parmesan cheese, Lambrusco wine, tortellini, zampone, cotechino which make Modena the center of the good and **traditional cuisine**.

Modena “many reasons one city” <https://www.youtube.com/watch?v=OpBF-bbyaYY&feature=youtu.be>

# University of Modena and Reggio Emilia



**University of Modena and Reggio Emilia**, located in the two close cities of **Modena** and **Reggio Emilia**, Emilia-Romagna, Italy, is one of the oldest and most prestigious universities in the world, **founded in 1175**, with a population of **20,000 students**.

Established twenty-five years ago, the "**Enzo Ferrari**" **Department of Engineering** main building covers more than 160,000 sqm and meets the highest teaching and research requirements. The Department regularly cooperates with renowned firms in the **car manufacturing**, mechanical, **e-mobility**, **transportation electrification**, chemical, ceramics and biomedical fields, as well as enterprises in the sectors of information technology, telecommunications and industrial electronics.

UniMore is partner of **MUNER – The Motorvehicle University of Emilia-Romagna** - a consortium made by ten automotive companies and the four main universities of Emilia-Romagna, merged together to design the **6 Automotive Engineering Careers of the future**. (<https://motorvehicleuniversity.com/>)

# Travel

- **Bologna “G. Marconi” International Airport**

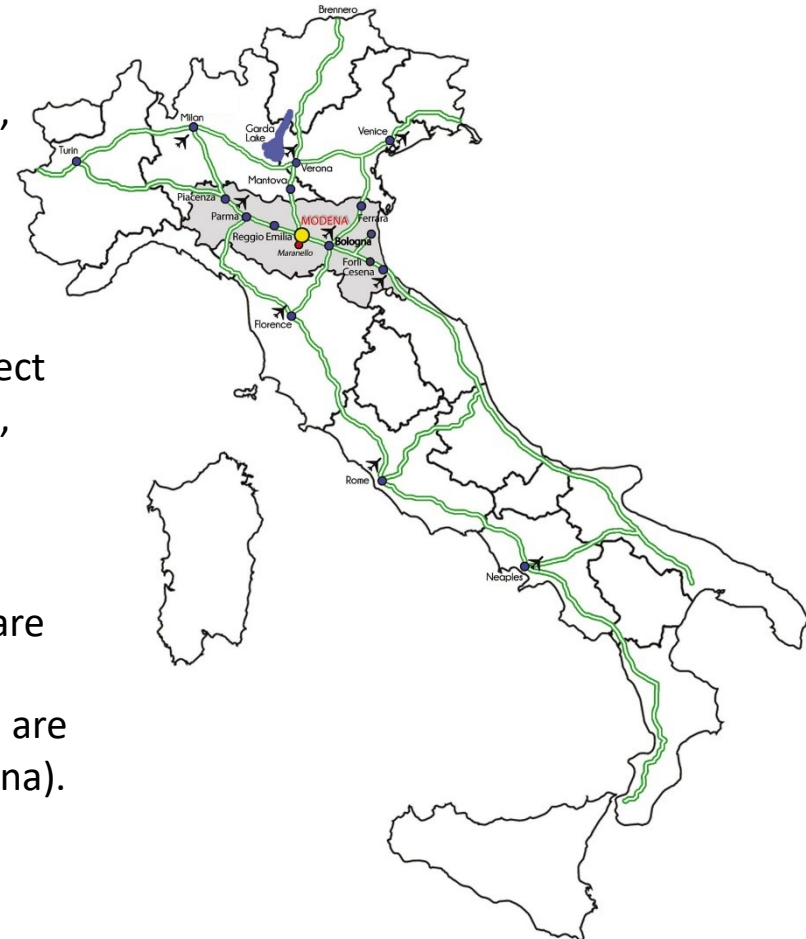
- 30 minutes drive
- Direct flights to: Paris, Dublin, London, Budapest, Brussels, Berlin, Frankfurt, Dusseldorf, Amsterdam and many other cities....

- **Excellent Train Links**

- high speed train “Mediopadana” station has direct links to many Italian cities including Milan, Turin, Florence and to Rome in less than 3 hours

- **By Car**

- Modena-Sud exit from the A1 motorway if you are arriving from the south (Bologna), or take the Modena-Nord exit from the A1 motorway if you are travelling from the North (either Milano or Verona).





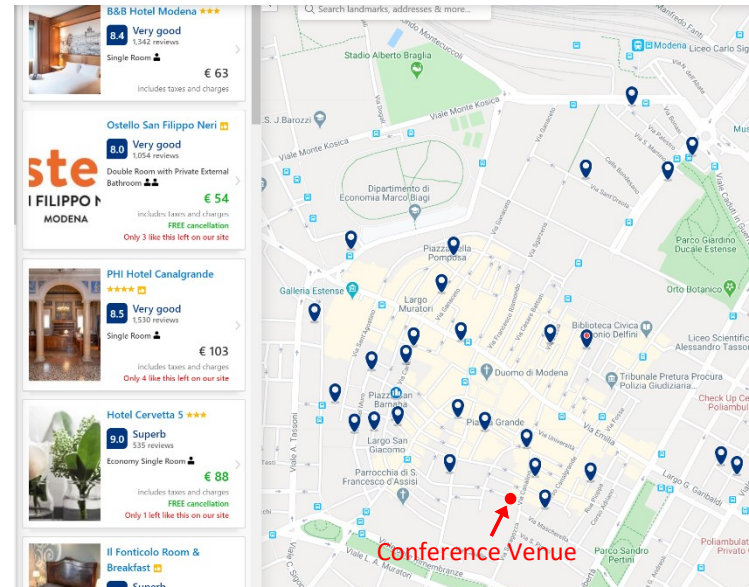
# Accommodations

- **Accommodations**

- A lot of accommodations can be found in Modena near Complesso San Geminiano, including B&Bs, hostels and apartments.

- **Gala Dinner**

- Gala Dinner will be at the Enzo Ferrari Museum, Via Paolo Ferrari, 85, 41121 Modena
- During the dinner, you will visit the Museum dedicated to Enzo Ferrari in Modena, inaugurated in 2012 where the birthplace house of Enzo Ferrari was located!



# Conference Organization

- **2 Day Conference**
  - 3 key-note speeches
  - 6 oral sessions
  - 2 poster sessions
- **Industrial Exhibition**
- **Sessions to cover :**
  - Electrical Machine Design and Modelling
  - Electrical Drives and their Control
  - Electrical Drives Reliability and Monitoring
  - Industrial and Transport Applications of Machines and Drives



# Conference Organization

## Key Dates:

- Submission of papers opens: 7 September 2020
- Submission of papers closes: 31 December 2020
- Notification of acceptance: 14 February 2021
- Deadline for uploading final full papers and conference forms: 7 March 2021

# Committees

- **General Co-Chair**

- Davide Barater, Italy
- Giovanni Franceschini, Italy

- **Publication Co-Chair**

- Antonio Luque, Spain
- Andres Nogueiras, Spain

- **International Steering Committee**

- Babak Fahimi, USA
- Gérard-André Capolino, France
- Aldo Boglietti, Italy
- Leila Parsa, USA
- Franck Betin, France
- Antonios Kladas, Greece
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# Committees

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  - Andrea Cavallini, Italy
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  - Francesco Cupertino, Italy
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  - Gianmario Pellegrino, Italy
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  - Fabio Immovilli, Italy
  - Claudio Bianchini, Italy
  - Luigi Alberti, Italy
  - Cinzia Tedeschi, Italy
- **Treasurer**
  - Fabio Immovilli, Italy