



**UNIMORE**  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Dipartimento di Ingegneria "Enzo Ferrari"

Sede

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Modena, 2021, October 08th

To the Chair  
Department of Engineering "Enzo Ferrari"  
Prof. Massimo Borghi

**SUBJECT: Graduation Committee of the Master's Degree Program in ADVANCED AUTOMOTIVE ENGINEERING**

The composition of the Graduation Committee of the Master's Degree Programs in ADVANCED AUTOMOTIVE ENGINEERING and in VEHICLE ENGINEERING convened in presence on the 21<sup>th</sup> of October, at 9:00 in room P0.4 of the Department of Engineering "Enzo Ferrari:

<b>Prof. Francesco Leali</b>	<b>Chair</b>
<b>Prof. Enrico Bertocchi</b>	<b>Vice Chair</b>
<b>Prof. Isabella Ferrari</b>	<b>Member</b>
<b>Prof. Davide Barater</b>	<b>Member</b>
<b>Prof. Antonio Zippo</b>	<b>Secretary</b>
Prof. Enrico Mattarelli	Substitute
Prof. Matteo Giacomini	Substitute
Prof. Enrico Al Mureden	Substitute
Prof. Claudio Bianchini	Substitute
Prof. Marco Barbieri	Substitute

Each graduating candidate can be accompanied by a maximum of 3 people. The chair will contact graduating students with the instructions for accessing the room and for connecting online.

Maximum punctuality is recommended. Members of the Committee unable to attend must contact a substitute for replacement and communicate the substitution in time.

The Committee will examine the following students:

<b>LM ADVANCED AUTOMOTIVE ENGINEERING</b>				
	<b>Family name</b>	<b>Name</b>	<b>Advisor</b>	<b>Title</b>
1	BISCEGLIE	GIORGIO	BIANCHINI CLAUDIO	Improvement on electric motor magnetic model for high performance Flux Weakening capability
2	CECCARINI	GIACOMO	LEALI FRANCESCO	Design by simulation of an integrated Upright and Brake Caliper for a Motorsport application
3	CINI	MARCO	BARATER DAVIDE	Electric powertrain functionalities validation and thermal tests for BEV.

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4	JURCZYK	DOMINIKA	LEALI FRANCESCO	Methodology development of problem-solving for the ramp-up of the new model 2021 Huracán Super Trofeo Omologata
5	LICI	ANDREA	LEALI FRANCESCO	Development and management of a test and validation plan for the new maserati granturismo.
6	NOTARI	RICCARDO	BARATER DAVIDE	Study and analysis of ac losses reduction in unconventional hairpin winding produced via additive manufacturing
7	ODABASI	VUSLAT	ZIPPO ANTONIO	Multi-rib contact patch modelling with pressure distribution computation and thermomechanical analysis on 18" formula 1 tyres
8	RAMISTELLA	MARIO LEONARDO	GIACOPINI MATTEO	An ad hoc developed numerical tool for the optimization of the different parameters in a valve train system
9	SANGUINETTI	FRANCESCO	LEALI FRANCESCO	Development of a methodology to support the integration of systems and components within BEV platforms
10	SCURATTI	YURI	BERTOCCHI ENRICO	FEM models of rubber bushings: tuning of Mooney-Rivlin material's coefficients based on experimental data and setup of equivalent CBUSH elements
11	SURESHKUMAR	ASHWIN	ZIPPO ANTONIO	Active vibration control of a composite sandwich plate using a micro-controller
12	TARTAGLIONE	GIOVANNI	LEALI FRANCESCO	Design of a formula car front wing's endplate for weight and manufacturing costs reduction
13	TOGNI	FEDERICO	BARATER DAVIDE	E-motor technology research: development of innovative ideas for automotive E-motor optimization.
14	TRUSSARDI	ALESSANDRO	LEALI FRANCESCO	Additive manufacturing implementation in an automotive company: benchmarking, methodologies and MTA case study
15	UBOLDI	TIZIANO	SORRENTINO SILVIO	Development and Correlation of a Real-Time Vehicle Model to Perform Ride Comfort Analysis at the Driving Simulator

**The proclamation of graduates will be around 1:00 pm.**

Council Chair Master's Degree Program  
Advanced Automotive Engineering  
Prof. Francesco Leali