



**UNIMORE**

UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Dipartimento di Ingegneria “Enzo Ferrari”

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Modena, 2024, November 21

To the Chair  
Department of Engineering “Enzo Ferrari”  
Prof. Francesco Leali

**SUBJECT: Graduation Committee of the Master’s Degree Programs in ADVANCED AUTOMOTIVE ENGINEERING**

The composition of the Graduation Committee of the Master's Degree Programs in ADVANCED AUTOMOTIVE ENGINEERING convened on the 3<sup>rd</sup> of December, at **9:15** at the Engineering Department Enzo Ferrari – DIEF, room P2.7:

<b>Prof. Matteo Giacomini</b>	<b>Chair</b>
<b>Prof.ssa Elena Bassoli</b>	<b>Vice Chair</b>
<b>Prof. Giovanni Franceschini</b>	<b>Member</b>
<b>Prof. Enrico Mattarelli</b>	<b>Member</b>
<b>Prof. Silvio Sorrentino</b>	<b>Secretary</b>
Prof. Francesco Gherardini	Substitute
Prof. Valerio Mangeruga	Substitute
Prof. Andrea Cimarelli	Substitute
Prof. Stefano Nuzzo	Substitute

The chair will contact graduating students with the instructions for accessing the room and any eventual remote connection and online streaming.

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

The following candidates will enter, together with their guests and relatives, through the gate n. **5** (address: Via Gottardi 100, 41125 Modena) at **8:45**.

Presentations will start at **9:15**.

<b>LM ADVANCED AUTOMOTIVE ENGINEERING</b>				
	<b>Family name</b>	<b>Name</b>	<b>Advisor</b>	<b>Title</b>
1	CELENTANO	GIOVANNI	FRIZZIERO LEONARDO	Cracking behaviour analysis and modeling in thick CFRP inserts
2	JUHEL	CLÉMENT	MATTARELLI ENRICO	Gas Flow Path Simulation of a Turbocharged Internal Combustion Engine
3	LIPARI	LISA	FRANCESCHINI GIOVANNI	High Voltage Battery Pack software development, in compliance with the new European Batteries Regulations



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4	MASSENZI	GIACOMO	GIACOPINI MATTEO	Collapsible element for F1 steering column
5	MILITO	FRANCESCO A	LEALI FRANCESCO	Root Cause Analysis of Electrical Interconnect on An Automotive Electronics Module
6	PACE	CARLO ANDREA	GHERARDINI FRANCESCO	Vehicle Engineering for Kids: A Systematic Approach to the Product Development of a Hybrid Pedal Kart
7	PEDRAZZI	ANDREA	SORRENTINO SILVIO	Thermo-mechanical tyre model correlation and simulation tool development
8	PESCE	GIUSEPPE	BASSOLI ELENA	Application of Lean Production methodologies for non-compliant threads minimization: Ducati V4 crankshafts case study
9	ROSSI	GAIA	D'ADAMO ALESSANDRO	Development of a reduced order model of a hydrogen electrochemical compressor
10	VANNUCCHI	MATTEO	SORRENTINO SILVIO	Study of the Balance of a Lamborghini Super Trofeo Through Data Analysis

**The proclamation of graduates will be around 13:00.**

Chair Master's Degree Programme in  
Advanced Automotive Engineering  
Prof. Matteo Giacomini