

**UNIMORE**UNIVERSITÀ DEGLI STUDI DI
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Modena, 2022 March 29th

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 convened in presence on the 11th of April, at 14:00 in room P1.6 of the Department of Engineering "Enzo Ferrari":

Prof. Francesco Leali	Chair
Prof. Gianni Nicoletto	Vice Chair
Prof. Massimo Milani	Member
Prof. Marcello Romagnoli	Member
Prof. Paolo Falcone	Secretary
Prof. Matteo Giacopini	Substitute
Prof. Alessandro Pirondi	Substitute
Prof. Enrico Mattarelli	Substitute
Prof. Roberto Giovanardi	Substitute
Prof. Alessandro De Felice	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. The classroom is equipped with a PC / projector and webcam for streaming: candidates can use the classroom PC (carrying a usb pen drive) or their personal PC.

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:

LM ADVANCED AUTOMOTIVE ENGINEERING				
	Family name	Name	Advisor	Title
1	BIANCHI	RICCARDO	FONTANESI STEFANO; D'ADAMO ALESSANDRO	Development of a methodology to increase the accuracy of CFD-3D representation of a high performance engine cycle
2	BONAIUTI	LORENZO	NICOLETTO GIANNI	Development of an original wheel nut retention system for racing car

3	COLOMBO	VALERIO	POMPOLI FRANCESCO	High Voltage Cables Effect on NVH Performances of BEV
4	COVRE	ANDREA	ROMAGNOLI MARCELLO; BONELLI GIOVANNI PAOLO	Development and control of a Fuel Cell system for forklift application
5	LUCIANI	GIOVANNI	LEALI FRANCESCO	Development of an F1 wind tunnel model suspension design methodology via evolutionary-aided design
6	MALACARNE	GIOVANNI	MUCCHI EMILIANO	Correlation between subjective evaluation and objective stir
7	MELLA	MATTIA	FALCONE PAOLO	Test and characterisation of opening and closing actuators of low voltage circuit breakers
8	NADI	OSAMA	MILANI MASSIMO	Implementazione modelli numerici per circuiti idraulici di una trasmissione ibrida a doppia frizione per la diagnostica delle anomalie.
9	PAINI	GIOVANNI	MILANI MASSIMO	Anti-g lubrication analysis in sport-car front-axle transmission
10	PAPOTTI	LEONARDO	MATTARELLI ENRICO	Development and optimization of a racing motorcycle exhaust system
11	PIERGIACOMI	ANDREA	GIACOPINI MATTEO	Development of a numerical methodology to estimate the effect of cooling performance on the thermo-structural behavior of the engine head of a high performance engine
12	PIVARI	SIMONE	FONTANESI STEFANO	Thermal analysis of an electric motor for high-performance vehicular applications
13	ROSSI	TOMMASO	NICOLETTO GIANNI; BURZONI ANDREA	Design and validation of an endurance race car pedal box
14	SASSETTI	RICCARDO	GIACOPINI MATTEO; CROCCOLO DARIO	Preliminary study of the feasibility of a structural battery pack for high performance electric vehicles: design and Finite Element analysis
15	SIMONE	MARCO	LEALI FRANCESCO	Assessment of the impact of blockchain technology on the value chain in the automotive sector
16	TOMMOLINI	LORENZO	FONTANESI STEFANO	3D-CFD Methodology for In-Cylinder Simulations of a High-Performance TJI Engine
17	ZANNINI	LUCA	ROMAGNOLI MARCELLO; BONELLI GIOVANNI PAOLO	Designing of a Fuel cell powerpack for Forklifts truck

The proclamation of graduates will be around 18:45.

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

