

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

Dipartimento di Ingegneria "Enzo Ferrari"

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Modena, 2026, January 30

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 11<sup>th</sup> of February, at 14:30 in Dallara Academy, Via Provinciale 33/A, Varano de' Melegari:

<b>Prof. Matteo Giacopini</b>	<b>Chair</b>
<b>Prof. Alessandro Pirondi</b>	<b>Vice Chair</b>
<b>Prof. Silvio Sorrentino</b>	<b>Member</b>
<b>Prof. Michele Pinelli</b>	<b>Member</b>
<b>Prof. Saverio Giulio Barbieri</b>	<b>Secretary</b>
Prof. Francesco Gabriele Galizia	Substitute
Prof. Enrico Stalio	Substitute
Prof. Valerio Mangeruga	Substitute
Prof.ssa Elena Bassoli	Substitute
Prof. Francesco Leali	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 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	BRICOLI	MARCO	PIRONDI ALESSANDRO	Structural model optimization of bearings-spacer-hub interaction in a racing wheel assembly
2	BUONUOMO	LEONARDO	BARBIERI SAVERIO GIULIO	A numerical methodology for the thermal assessment of high performance engines addressing the boiling phenomenon

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3	CAPPERI	GIOVANNI	CIMARELLI ANDREA	Large-Eddy Simulation of two-phase boundary layers
4	CHIESURA	GABRIELE	SORRENTINO SILVIO	Comparative Analysis of Tire-Road Contact Models in a Multibody Driver-in-the-Loop Simulator
5	GORI	GIORGIO	PINELLI MICHELE	Development of an integrated methodology for the customized design of airfoils in axial fans performance optimization
6	MARCHESINI	PETRA	GALIZIA FRANCESCO GABRIELE	Takt Time Optimization and Mixed-Model Assembly Line Rebalancing at Automobili Lamborghini S.p.A.
7	PAVESI	DAVIDE	MATTARELLI ENRICO	Adaptive DOE-Based Optimization tool for high performance Engine Calibration
8	PUPELLA	DANIELE	FONTANESI STEFANO	Experimental investigation of injection strategies and in-cylinder turbulence effects on the performance of hydrogen fuelled light duty engines
9	RAMPOLDI	ALBERTO	REGATTIERI ALBERTO	Make or buy analysis of subcontracting work in supply-chain production in Ferrari S.P.A.
10	RICCI MALERBI	MARCO	FAINELLO MARCO	Tyre characteristic curve generation through contact force calculation and multivariable interpolation frameworks
11	TASSARA	STEFANO	PINELLI MICHELE	Development of a robust design methodology for mixed-flow fans

**The proclamation of graduates will be around 19:00.**

Chair Master's Degree Programme in  
 Advanced Automotive Engineering

Prof. Matteo Giacopini

