



UNIMORE

UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

Dipartimento di Ingegneria "Enzo Ferrari"

Sede

Via Pietro Vivarelli, 10 - 41125 - Modena, Italia
T +39 059 2056177 - F +39 059 2056180

www.unimore.it

www.ingmo.unimore.it

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 21th of October, at 14:00 in room P0.4 of the Department of Engineering "Enzo Ferrari:

Prof. Giovanni Franceschini	Chair
Prof. Claudio Rossi	Vice Chair
Prof. Vittorio Ravaglioli	Member
Prof. Alberto Martini	Member
Prof. Elena Bassoli	Secretary
Prof. Dario Croccolo	Substitute
Prof. Nicola Mimmo	Substitute
Prof. Nicolò Cavina	Substitute
Prof. Alberto Regattieri	Substitute
Prof. Gianni Nicoletto	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:

LM ADVANCED AUTOMOTIVE ENGINEERING				
	Family name	Name	Advisor	Title
1	AMENDUNI	MATTEO MARIO	MARTINI ALBERTO	Experimental identification of weave modal parameters for crossover motorcycles
2	BARCERINI	GIAN MARCO	RAVAGLIOLI VITTORIO	Development and validation of a soft-ECU about Dual-Clutch Transmission for a Hardware-in-the-Loop system
3	BERTI	GRETA	MIMMO NICOLA	Design and test of an ISO 26262-compliant novel safety case



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4	BRAIDA	MARCO	MATTARELLI ENRICO	Methods for the analysis, characterization and optimal design of exhaust system components
5	CASAS REY	NICOLAS	ROSSI CLAUDIO	Development of Electric Powertrain for Two-Wheeled Vehicles: Application, Calibration and Testbench Validation.
6	ESPOSITO	TOMMASO FEDERICO	GAMBERI MAURO	Development and Implementation of a Managing Software for Emission Tests
7	FAVARON	MANUEL	ROSSI CLAUDIO	Conceptual design of an electric all-wheel-drive motorcycle
8	LANFRANCHI	ANDREA	MARTINI ALBERTO	Sport Motorcycle Trajectory Reconstruction for Customer Usage Profile and Reliability Analysis
9	PARISIO	MARCO	BIANCHI GIAN MARCO	Mixture formation CFD analysis of a SACI engine
10	PEJIC	LAURA	REGATTIERI ALBERTO	Damaged parts management system: Volkswagen Group benchmark analysis and Lamborghini implementation of a new management system for damaged components
11	RICCIARDI	VITTORIO	CAVINA NICOLÒ	Design and development of automated data processing tools for roll bench testing activities focused on emissions, CO2 and fuel economy certification and homologation
12	VIEZZOLI	FRANCESCO	NICOLETTO GIANNI	Failure models investigation for ductile fracture in metal components: application to a battery-pack for BEV under crush loads
13	VITTORI ANTISARI	IRENE	RAVAGLIOLI VITTORIO	Implementation and validation of fault-detection and fault-diagnosis indicators in an internal combustion engine exploiting residual generation techniques
14	WICAKSONO	JULIUS CAESAR BAGUS	ROSSI CLAUDIO	Electric Powertrain Development for Two-Wheeled Vehicles: Sizing and Analysis Tools

The proclamation of graduates will be around 6:00 pm.

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