

Francesco Leali

Full Professor of Design Methods for Industrial Engineering, received his PhD and MS degree in Mechanical Engineering from the University of Modena and Reggio Emilia (UNIMORE). He is a lecturer in the bachelor's degree courses in Mechanical Engineering, Vehicle Engineering and Computer Engineering and in the master's degree courses in Vehicle Engineering, Advanced Automotive Engineering, Electric Vehicle Engineering.

He is president of the School of Engineering of UNIMORE for 2022-2025 and has been the delegate member to the Board of MUNER - Motorvehicle University of Emilia-Romagna since 2023. He was president of the Interuniversity Degree Course in Advanced Automotive Engineering (MUNER) from 2017 to 2023. He has been scientific coordinator of the MASA - Modena Automotive Smart Area project since 2017 and scientific coordinator for UNIMORE of the National Sustainable Mobility Center (MOST) since 2024. He is a member of the Scientific Council of the National Technology Cluster Transport Italy 2020 and a member of the Technical Committee 2.4 PIARC Italy (World Road Association) - Quadrennium 2020-2023 and 2023-2027. He is a Board Member of the National Association "Design Methods for Industrial Engineering" for SSD ING-IND/15 for the three-year period 2022-2025. He served as an expert to the Commission of the "Ministry of Education, University and Research" for the development of guidelines for the National Research Plan 2020/2027 (PNR), Sustainable Mobility theme.

He is the scientific head of the research laboratory IDEA (Integrated Design and Engineering Application) of DIEF, scientific coordinator of research units in European, national and regional competitive projects, where he works on Mechanical Computer Aided Design, Model Base Design (GPS, GD&T), Automation and industrial robotics with applications in different industrial sectors, including automotive and biomedical.

He has authored international scientific publications in scientific journals and international conferences, for which he has also received awards and honors ([orcid.org/0000-0001-6621-5379](https://orcid.org/0000-0001-6621-5379)). He is qualified as an ASN Commissioner.

He is active in collaboration with companies through research contracts and applied research projects. He is a founding member of the university spin-off IDEATIVA srl, which deals with the design, production and sale of solutions in the biomedical, industrial robotics, and automotive sectors.

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