



Prof. Ferruccio Resta

CURRICULUM VITAE

PERSONAL DATA AND ACADEMIC CV

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- Graduated in Mechanical Engineering at Politecnico di Milano (1992)
- Ph.D. in Applied Mechanics (1996)
- Professor of Applied Mechanics for Machines at Politecnico di Milano (2004)

Additional Information:

- Former Rector of Politecnico di Milano (2017-2022)
- Former President of the Italian Rectors' Conference CRUI (2020-2022)
- Former Head of the Department of Mechanics (2007-2016)
- Rector's Delegate for Research Valorization and Technology Transfer (2011-2016)

INSTITUTIONAL AND PROFESSIONAL ACTIVITIES

- President of Fondazione Bruno Kessler FBK
 - President of Fondazione Politecnico di Milano FPM
 - President of Centro Nazionale per la Mobilità Sostenibile MOST
 - Member of the Board of Directors of Allianz Spa
 - Member of the Board of Directors of Il Sole 24 Ore Spa
 - Member of the Board of Directors of Fiera Milano Spa
 - Member of the Board of Directors of Coima Rem Srl
 - Member of the Board of Directors of Zanetti Spa
 - Member of the Board of Directors of Veneranda Fabbrica del Duomo
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- In 2019 he was awarded the title of Commander of the Italian Republic by the President of the Italian Republic.
 - Author of the books "Starting over from knowledge" (2021) Bollati Boringhieri Editori, "Fundamentals of theoretical and applied mechanics" (2003) McGraw Hill, "Control of mechanical systems" (2010) Polipress.

RESEARCH ACTIVITY

The research activity, characterised by numerical-experimental approaches, is developed in the following areas:

- Mobility and infrastructures
- Mechatronics and vibration control
- Monitoring and diagnostics
- Vehicle mechanics
- Energy harvesting systems and MEMS
- Fluid-dynamic interaction (wind engineering and fluid dynamics)

The research activities have led to the publication of more than 300 scientific papers in national and international journals and have been presented at international congresses. He holds 10 international patents.

He is also:

- Member of the Advisory Board of the Marcegaglia Group and expert member of the Technical Structure at the Ministry of Infrastructure and Transport