

Curriculum vitae

Prof. Massimo ROSSETTO

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Born in Turin on May 17, 1957, graduated in Mechanical Engineering at Polytechnic of Turin on March 25, 1982.

- Since October 2000: Full Professor (SSD Ing-Ind/14 Machine Design) at the I Faculty of Engineering of the Polytechnic of Turin; - Department of Mechanics (since 2012 at the Department of Mechanical and Aerospace Engineering).

- From November 1992 to September 2000: Associate Professor at the same Faculty.

- From June 1983 to October 1992: Researcher at the same Faculty.

Teaching activity

Over the years he has taught various courses relating to machine design.

Currently he teach the courses of

- - Tools for product innovation (MSc in Industrial Production and Technological Innovation Engineering)
- - Design of experiments and reliability (MSc in Mechanical Engineering)

Service Activities within the University

- - From 1/10/2015 to 30/9/2023 Head of the Department of Mechanical and Aerospace Engineering
- - From 1/10/2015 to 28/2/18 member of the Academic Senate
- - From 25/10/2012 to 11/10/2015 Coordinator of the College of Mechanical, Aerospace, Automotive and Production Engineering. Coordinator of the Program in Industrial Production Engineering (BSc and MSc)
- - In 2012 Member of the Commission for the new General Regulations
- - In 2011 and 2016 Member of the Commission for Statutory Changes
- - From 2003 to 2011 (extended to 2012) President of the Training Area in Mechanical Engineering of the 1st Faculty of Engineering
- - From 1998 to 2010 member of the Interdepartmental Board of the Turin Polytechnic in Alessandria and until 2003 member of the Management Committee
- - From 1996 to 2003 coordinator of the Commission for admission tests to the Engineering Faculties of the Politecnico.
- - From 1995 to 2000 member of the Academic Senate of the Polytechnic of Turin (representative of the Associate Professors).

Research activity

He is the author of more than 140 papers published in international and national journals or presented in international or national conferences concerning:

- the fatigue of components, materials and welded joints
- analysis of fatigue data with statistical methods
- the design and non-destructive ultrasonic control of glued joints.
- analysis of data obtained from instrumented impact tests,
- structural dynamics,
- analysis of the non-linear behaviour of springs,
- biomechanics,

Currently scientific interests are mainly focused on very high cycle fatigue problems of materials and the relationship between life and internal defects with particular reference to the materials used in additive manufacturing.