



Massimo Capobianco

Full professor

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Education and training

1977

MS Degree in Mechanical Engineering

110/110 with honours

University of Genova - Genoa - IT

Academic experience

2001 - ONGOING

Full professor of Fluid Machines

University of Genova - Genoa - IT

As part of the DIME of the University of Genova he currently holds the following organizing and management roles. Member of the Governing Board. Coordinator of the Teaching Committee. Coordinator of the Fluid Machines Energy Systems and Transportation Division (MASET) of DIME. Within the Polytechnic School of the University of Genova he holds the following roles. Member of the School Council. Member of the Teaching Committee. Appointed Director of DIME starting from 1.11.2018.

1983 - 2001

Associate Professor of Internal Combustion Engines

University of Genova - Genoa - IT

1980 - 1983

Assistant Professor of Fluid Machines

University of Genova - Genoa - IT

Language skills

English

Independent

Teaching activity

Teacher of several official courses in the field of Fluid Machines and Energy Systems at the University of Genova since the academic year 1982/1983.

In the academic year 2018/2019 professor Capobianco is the teacher of the following courses at the University of Genova:

- Fluid Machines (First Level Degree Course in Mechanical Engineering)

- Internal Combustion Engines (Second Level Degree Course in Mechanical Engineering)
- Energy Systems and Environmental Impact (Second Level Degree Course in Safety Engineering)

Research interests

Author of about 140 scientific papers in the field of Internal Combustion Engines published in journals or presented at national and international conferences.

The research interests concern:

- Part load operation of Internal Combustion Engines (ICE)
- Turbocharging of internal combustion engines
- Experimental techniques in fluid machines
- Use of biofuels in ICE
- Emissions of road vehicles in real driving conditions.

Main bibliometric indicators (Scopus database, as of 31.08.2018):

- Number of papers registered: 50
- Number of citations: 641
- H-index: 17

VQR average score 2011-2014: 1.00

Responsible for the University of Genoa of several national and European research projects in the field of internal combustion engines.

Scientific reviewer for international journals and conferences.

Session chairman in international conferences