

Andrea Cattanei

Full professor

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Education and training

1988

MSc in Mechanical Engineering

A method for predicting the 3D turbulent flow downstream of rotors of turbomachines - 110 out of 110 with honours

University of Genoa - Genoa - IT

1989

Diploma in Fluid Dynamics - option Turbomachinery

Inverse design of centrifugal impellers - Diploma with honours

von Karman Institute for Fluid Dynamics - Rhode St.-Genèse - BE

1993

PhD in Engineering of Fluid Machinery

Numerical and experimental techniques for the study of the turbulent flow in turbomachinery components

University of Genoa - Genoa - IT

Academic experience

1995 - 2004

Assistant professor of Fluid Machinery

University of Genoa - Genoa - IT

2004 - 2017

Associate professor of Fluid Machinery

University of Genoa - Genoa - IT

2017 - ONGOING

Full professor of Fluid Machinery

University of Genoa - Genoa - IT

Language skills

Italian

Mother tongue

English

Proficient

French

Basic

German

Basic

Research interests

Present research fields

- Aeroacoustics of turbomachines
- Unsteady Aerodynamics of low-emission aeronautic combustors
- Design method of fans and blowers