



Giovanni Battista Rossi

Full professor

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Education and training

1981

Laurea in Mechanical Engineering

with Academic Honors

Università degli Studi di Genova - Genova - IT

1974

Diploma in Classical Humanities

Liceo Classico Giuseppe Mazzini - Genova - IT

Academic experience

2002 - ONGOING

Full Professor of Measurement and Instrumentation

Università degli Studi di Genova - Genova - IT

1992 - 2002

Associate Professor

Università degli Studi di Genova - Genova - IT

1983 - 1992

Assistant Professor

Università degli Studi di Genova - Genova - IT

Work experience

1982 - 1983

Designer

Fincantieri - Riva Trigoso - IT

Vice-Head of the Mechanical-Design Department

Language skills

English

Proficient

First Certificate

Grade A

Teaching activity

He is currently a Professor of measurement, instrumentation, and biomechanics at the University of Genova. As a Teacher, he has lectured for a national televised university teaching program (Nettuno). He has been Coordinator of the M.Sc. course “Mechanical Engineering – Design and Construction”, from 2011 to 2020, and he is a member of the board of lecturers of the Ph.D. School of Marine Science and Technology.

He currently holds the following courses:

- Measurement and Instrumentation (B.Sc.)
- Fundamentals of Biomechanics (B.Sc.)
- Measurement Systems (M.Sc.)
- Spectral Analysis in Practice (Ph.D.)

Research interests

His current research interests include:

- Measurement science
- Measurement for the sea
- Probabilistic models and methods
- Dynamic and biomechanical measurements

He is a member of the Technical and Scientific Board of the Sea Study Center of the University of Genova. He is currently involved in a project on “nowcast and forecast of met-ocean conditions.

Editorial activity

He is co-editor of the book “Measurement with Persons” (Taylor and Francis, 2012), author of the book “Measurement and Probability” (Springer, 2014) and co-editor of “Measurement for the Sea (Springer, 2022). He is co-editor of the series “Measurement Science and Technology” of Springer.

Assignments abroad

He is an EU-recognized expert in measurement and testing and has recently (2016–2017) chaired an expert group for the evaluation of the European Metrology Research Program and the European Metrology Program for Innovation and Research.

He has been chairman of Technical Committee 7 (Measurement Science) of the International Measurement Confederation (IMEKO) (2012–2018) and has been the Italian vice-representative in the General Council of IMEKO (2011–2015). He is Life Senior Member of IEEE and is Founding Member of the Society for the Study of Measurement (SSM, 2022).

He co-chaired the IMEKO-IEEE-Society of Instrument and Control Engineers Second International Symposium on Measurement, Analysis, and Modeling of Human Functions (2004), an international intensive course on perceptual measurement (2008), as part of the EU Measuring the Impossible Network Project, and the 2013 Joint IMEKO TC1- TC7-TC13 Symposium. He chaired the Advisory Board of the 2019 Joint IMEKO TC1-TC7-TC13-TC18 Symposium, held in St. Petersburg in 2019, and cochaired the Technical Committee of the IMEKO TC15 Congress MetroSea 2019, held in Genoa, Italy, in 2019. He has recently co-chaired the IEEE MetroSea 2025 Congress, held in Genoa, Italy, October 8-10, 2025.