



Paolo Blondeaux

Full professor

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Education and training

1977

Master Degree in Civil Engineering

110/110 with laude

University of Genova - Genova - IT

Academic experience

2012 - 2013

Head of the Civil Chemical and Environmental Engineering

University of Genova - Genoa - IT

2010 - 2012

Head of the Department of Civil Environmental and Architectural Engineering

University of Genova - Genoa - IT

2007 - 2010

Coodinator of the Committee of the Civil Engineering and Architecture Area

University of Genova - Genoa - IT

2005 - 2009

Director of the Doctoral School of Fluid and Solid Mechanics

University of Genova - Genoa - IT

Teaching activity

I teach Fluid Mechanics and Coastal Hydrodynamics

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

I supervised the following PhD students: Enrico Foti (now full professor at Catania University), Pietro Scandura (now associate professor at Catania University), Giovanni Besio (now associate professor at Genova University),

Laura Guglielmini, Raffaella Tuzi, Tomas Van Oyen. Now I am supervising Gaetano Porcile

PhD committees membership

I participate to the Teacher Council of the PhD program in Civil, Chemical and Environmental Engineering

Research interests

My research interests range over many aspects of basic and applied fluid mechanics such as vorticity dynamics, unsteady boundary layers, surface gravity waves and coastal morphodynamics.

Grants

2017 - ONGOING

"Developing a probabilistic model for sediment transport in oscillatory flow using Direct Numerical Simulations"
N62909-17-1-2144 (ONR cooperation with NRL)

Office of Naval Research (U.S. Navy) - US

15500 US dollars - Principal investigator

Editorial activity

I am editor of the series "Morphodynamics of Sedimentary Patterns" of Genoa University Press