

Giuliano Vernengo

Associate Professor

EDUCATION AND TRAINING

2012

PhD in Naval Architecture and Marine Engineering

“Parametric Hydrodynamic Optimization of Ship Hull Forms based on CFD Techniques: Theory and Applications”, supervised by Prof. Stefano Brizzolara

University of Genova – PhD School of Science and Technologies for Engineering

2009

MSc in Naval Architecture and Marine Engineering

“Development and Application of a Vortex Lattice Method for Sails in Upwind Conditions”, supervised by Prof. Stefano Brizzolara

University of Genova – PhD School of Science and Technologies for Engineering

ACADEMIC APPOINTMENTS

2024

Associate Professor

Settore Scientifico Disciplinare IIND-01/A Architettura navale – Gruppo Scientifico

Disciplinare 09/IIND-01 INGEGNERIA AEROSPAZIALE E NAVALE

University of Genova – Dept. Of Electric, Electronic, Telecommunication Engineering and Naval Architecture (DITEN)

2021

Researcher (RTD-b)

Settore Scientifico Disciplinare ING-IND/01 – Architettura Navale

University of Genova – Dept. Of Electric, Electronic, Telecommunication Engineering and Naval Architecture (DITEN)

2019

Researcher (RTD-a)

Settore Scientifico Disciplinare ING-IND/01 – Architettura Navale

University of Genova – Dept. Of Electric, Electronic, Telecommunication Engineering and Naval Architecture (DITEN)

2015-2016

PostDoc Associate

Scalable framework for hierarchical design under uncertainty with application to marine vehicles

Massachusetts Institute of Technology (MIT), Mechanical Engineering Dept. (MechE), Cambridge, MA, USA

2013 - 2015

Visiting Research Scholar

Development of a Vortex Lattice Method for cambered, stepped planning hull performance analysis, supervised by Prof. Chrysostomos Chrysostomidis
Massachusetts Institute of Technology (MIT), Sea Grant College Program, Cambridge, MA, USA

2013 - 2019

Research Fellow

Settore Scientifico Disciplinare ING-IND/01 – Architettura Navale
University of Genova – Dept. Of Electric, Electronic, Telecommunication Engineering and Naval Architecture (DITEN)

EXPERIENCE

17/12/2023 ABILITAZIONE SCIENTIFICA NAZIONALE (ASN) – PROFESSORE DI I FASCIA

Settore concorsuale 09/A1 Ingegneria Aeronautica, Aerospaziale e Navale
Ministero dell'Università e della Ricerca (MUR)