

Michele Martelli

Associate Professor

EDUCATION AND TRAINING

2012

Ph.D. in Naval Architecture and Marine Engineering

Study and development of a simulation platform for surface vessels

Università degli Studi di Genova

2009

Master's Degree in Naval Architecture and Marine Engineering

Dynamic Simulation of controllable pitch propellers

Università degli Studi di Genova

2006

Bachelor's Degree in Naval Architecture and Marine Engineering

Preliminary design of a chemical carrier

Università degli Studi di Genova

ACADEMIC CAREER

2019-In corso

Associate Professor

Università degli Studi di Genova

2025

Visiting Professor

University of Rijeka (HR)

2019

Visiting Researcher

Delft University of Technology (NL)

2016-2019

Assistant Professor

Università degli Studi di Genova

2017

Visiting Researcher

Delft University of Technology (NL)

2015-2016

Research Fellow

Università degli Studi di Genova

ACADEMIC APPOINTMENTS

[Example: head of department, course coordinator, etc.]

2021-2024

Member of School Board

Polytechnic School

Università degli Studi di Genova

2018-2024

Member of Department Board

Department of Naval Architecture, Electric, Electronic and Telecommunication Engineering - DITEN

Università degli Studi di Genova

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

2022-In corso **Principal Investigator UniGE**

PNRR – Centro Nazionale Mobilità Sostenibile - Spoke 3 Waterways – WP leader toward autonomous navigation

Ministry of University and Research

2022-2025 **Principal Investigator UniGE**

Horizon project entitled SafeNav- Safer Navigation

European Commission

2019-2022 **Principal Investigator UniGE**

PON project entitled ARES, Autonomous Robotic for Extended Ships

Ministry of Instruction, University and Research

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

2025-In corso **Editorial Board Member**

Autonomous Transportation Research

Elsevier

2023-In corso **Associate Editor**

Journal of Marine Engineering and Technology

Institute of Marine Engineering, Science and Technology (UK)

2017-2021 **Editorial Board Member**

The Journal of Ocean Technology

Marine Institute of Memorial University of Newfoundland

2021-In corso **Editor of Proceedings**

International Ship Control Systems symposium

Institute of Marine Engineering, Science and Technology (UK)

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2018 Conference Paper Awards

Second-best paper for the manuscript: A random sampling-based algorithm for ship path planning with obstacles, presented during iSCSS 2018

Institute of Marine Engineering, Science and Technology (UK)

2013 Ph.D Award

One of the Best three Italian Ph.D. Thesis in the domain of Modelling and Simulation
Italian Association for Modelling and Simulation

2012 Conference Paper Awards

Second-best paper for the manuscript: Time domain simulation for marine propulsion applications, presented during SCSC 2012

The Society for Modeling and Simulation International (US)

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND
COMMERCIALISATION OF ACADEMIC PATENTS

2023 European Patent

Title: System and method for supporting an operator for navigation