Università di Genova

Marco Gaiotti

Associate Professor

EDUCATION AND TRAINING

April 2012
Doctor of Philosophy in Naval Architecture and Marine Engineering
Ph.D. Thesis title: Composite materials: fabrication induced imperfections and structural response simulations.
Organization Università degli Studi di Genova

June 2008
Master Degree in Naval Architecture and Marine Engineering
Organization Università degli Studi di Genova

December 2005
Bachelor Degree in Naval Architecture and Marine Engineering
Organization Università degli Studi di Genova

PROFESSIONAL HISTORY

December 2018 – Present
Associate professor of ship structures and marine engineering
Organization Università degli Studi di Genova

December 2015 – December 2018
Researcher in ship structures and marine engineering
RTD-B
Organization Università degli Studi di Genova

December 2012 – December 2015
Researcher in ship structures and marine engineering
RTD-A
Organization Università degli Studi di Genova

ACADEMIC APPOINTMENTS

2019-present
Nautical engineering, course coordinator

2024-present
Yacht Design, course coordinator

EXPERIENCE

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

Università di Genova

2023-2027 Scientific responsibility of EU Project LeaderSHIP
LeaderSHIP project aims as well to enlarge and strengthen the existing large-scale partnership by engaging stakeholders across regional maritime ecosystems to promote sustainable cooperation on skills, mobilize resources, increase upskilling and reskilling actions and promote inter-company and business-education partnerships and collaboration across Europe.

European Commission ERASMUS2027 ERASMUS-EDU-2022-PI-ALL-INNO-BLUEPRINT

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

2014
Visiting Researcher
NAOE-Osaka University

2016
Visiting Researcher
NAOE-Osaka University

2015-2018
ISSC 2018 Specialist Committees V.3 Material and Fabrication Technology.
Mandate
The committee shall give an overview about new developments in the field of ship and offshore materials and fabrication techniques with a focus on trends which are highly relevant for practical applications in the industry in the recent and coming years. Particular emphasis shall be given to the impact of welding and corrosion protection techniques for structural performance, and on the development of lighter structures.
ISSC International Ship and Offshore Structures Congress

2018-2022
ISSC 2018 Technical Committee – III.1 Ultimate Strength
Mandate
Concern for the collapse behavior of ships and offshore structures and their structural components under ultimate conditions. Uncertainties in strength assessment shall be highlighted. Attention shall be given to the influence of response to load combinations including accidents; fabrication imperfections; life-cycle effects; and user approach. Consideration shall be given to the practical application of methods
ISSC International Ship and Offshore Structures Congress

2022-2025
ISSC 2018 Technical Committee – III.1 Ultimate Strength
Mandate
Concern for the collapse behaviour of ships and offshore structures and their structural components under ultimate conditions. Uncertainties in strength assessment shall be highlighted. Attention shall be given to the influence of response to load combinations including accidents; fabrication imperfections; life-cycle effects; and user approach. Consideration shall be given to the practical application of methods.
ISSC International Ship and Offshore Structures Congress

Università di Genova

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

2022 Patent N. 102020000027432

VALIDATION METHOD OF ROBOTIC TECHNOLOGIES FOR INSPECTION OF A NAVAL ENVIRONMENT

DIREZIONE GENERALE PER LA TUTELA DELLA PROPRIETÀ INDUSTRIALE - UIBM