

Enrico Rizzuto

Full Professor

EDUCATION AND TRAINING

15/7/1986

Master Degree in Naval Architecture and Marine Engineering

Mark: 110 with honors

Università di Genova

ACADEMIC POSITIONS

1/4/1990

Researcher (permanent staff position)

Scientific Sector: I01B Ship and Marine Structures

University of Genoa – Institute of Naval Architecture

1/11/2001

Associate Professor

Scientific Sector: ING-IND/02 Ship and Marine Structures and Engineering

University of Genoa – Dept. of Naval Architecture

30/12/2015

Full Professor

Scientific Sector: ING-IND/02 Ship and Marine Structures and Engineering

University of Naples Frederick II – Dept. of Industrial Engineering

31/12/2018

Full Professor

Scientific Sector: IIND-01/B Ship Structures and Engineering

University of Genoa – Dept. of Naval Architecture and Electrical, Electronic and

Telecommunication Engineering

ACADEMIC APPOINTMENTS

1/11/2019-31/10/2022

Coordinator of the Board of Studies in Naval Architecture

University of Genoa

1/1/2022-31/12/2025

Vice-president of the Sea Study Centre

University Strategic Centre

University of Genoa

EXPERIENCE

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

2003 - 2004

EURO MTEC Project

Project devoted to the development of Vocational training modules in Marine Technologies

UniGe Institutional Coordinator

EU Leonardo Da Vinci Programme

2004 – 2010 (72 months)

MARSTRUCT - Network of Excellence in Marine Structures

Contract: TNE3-CT-2003-506141 UE funding (UniGe): 241 K€ Role: UniGe Institut. Coordinator

FP6-2002-TRANSPORT-1 – PRIORITY 2: Sustainable Transport.

2007 - 2011

COST Action TU0601 Robustness of Structures

Role: National Representative in the Steering Committee

COST - European Cooperation in Science and Technology

2009 - 2012 (38 months)

SILENV Project -Ships oriented Innovative soLutions to rEduce Noise & Vibrations

Collaborative Project n° 234182 UE funding (UniGe): 206 K€ Role: UniGe Institut. Coordinator

FP7-SST-2008-RTD-1 Theme TRANSPORT – Sub-Theme: the greening of surface transport

2012 - 2015 (36 months)

AQUO Project - Achieve QUiter Oceans by shipping noise footprint reduction

Collaborative Project n° 314227 Role: UniGe Institutional Coordin., Steering Comm. member

EU FP7 – Theme [SST.2012.1.1-1.] Assessment and mitigation of noise impacts of the maritime transport on the marine environment (coordinated topic within the ‘Ocean of Tomorrow’)

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

March 1992

16th School “Vibration, Noise and Shock on Board of Ships”

Funded by the EU COMETT Programme Role: Organiser

WEGEMT - West European Graduate Education in Marine Technology

(Association of European Universities in the field).

1993 – 1994 (12 months):

Guest Researcher at the Technical Acoustics Dept.

KTH (Royal Institute of Technology–Stockholm)

Sept. 1997

23rd School “Full scale surveys of the performances of ships and platforms”

Held in Genoa, Role: Organiser (Technical Assistant of the Steering Committee)

WEGEMT

MAIN SEMINARS

March 1992

Lessons “Basic Concepts in Sound and Vibration” and “Introduction to Ship Acoustics”
16th WEGEMT School “Vibration, Noise and Shock on Board of Ships” held in Genoa
West European Graduate Education in Marine Technology (Association of European Universities in the field).

February 1994

Seminar “Computational study of a fluid-loaded sandwich plate excited by a point force”
Final presentation at the end of a one-year research period
KTH – Royal Institute of Technology - Stockholm (Dept. of Technical Acoustics)

October 1997

Lesson 'Noise and Vibration' (2h)
25th WEGEMT School 'Small Craft Technology' Athens
West European Graduate Education in Marine Technology

June 2004

Intensive week course “Structural Reliability of Marine Structures”
EURO MTEC final course (teacher of 7 lessons)
Project EURO MTEC (EU Leonardo Da Vinci Programme)

November 2006

MARSTRUCT short course in Risk Analysis and Structural Reliability
Held at University of Glasgow, UK– repeated C/O Bureau Veritas-Paris in March 2008
(Teacher of two lessons)
MARSTRUCT Network of Excellence – EU FP6

EDITORSHIP AND PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS

2007 – to date

Member of the Editorial Board of the Marine Structures journal (Elsevier)

2011

Editor of the book “Sustainable Maritime Transportation and Exploitation of Sea Resources”
(2 Vol.) CRC Press

MEMBERSHIP OF ACADEMIES

1997 - 2022:

Member of ISSC (International Ship and Offshore Structures Congress) with different roles:
1998 - 2000 Committee VI.1: Extreme Hull Girder Loading – member
2001 - 2003 Specialistic Task Committee VI.1: Fatigue Loading – member
2004 - 2006 Specialistic Task Committee VI.1: Risk Based Design – member
2006 - 2012 (2 terms) Committee IV.1: Design Principles and Criteria – member
2012 - 2015 Committee IV.1: Design Principles and Criteria – chairman
2015 - 2018 Committee V.1: Accidental Limit states – chairman
2022 Official Discussor (Report of Committee VI.1)

2004 - 2016

IFED (International Forum on Engineering Decision Making)
Member advisory council

2006 - 2020

OMAE (Off-shore, Marine and Arctic Engineering Conference)
Member of the Organizing Committee of the Symposium on Structures, Safety and Reliability.

2006 - 2022

JCSS (Joint Committee on Structural Safety)
Member

2010 - 2022

PRADS (Practical Design of Ships and Other Floating Structures Conference)
Member of the Steering Committee

2009 - 2015

IMAM (International Maritime Association of the Mediterranean)
Member of the Executive Committee (3 terms)
Chairman of IMAM (2011-2013)

2016 to date

Technical Committee of RINa (Registro Italiano Navale – Italian Ship Classification Society)
Member