Università di Genova

Maria Pia Repetto

Full Professor of Structural Engineering

EDUCATION AND TRAINING

2003
PhD degree in Structural and Geotechnical Engineering
Università degli Studi di Genova, Italy

1998
1998 Master of Science's degree with honors in Civil Engineering
Università degli Studi di Genova, Italy

PROFESSIONAL HISTORY

2019
Full Professor of Structural Engineering
Università degli Studi di Genova, Italy

2014
Associate Professor of Structural Engineering
Università degli Studi di Genova, Italy

2005
Assistant Professor of Structural Engineering
Università degli Studi di Genova, Italy

ACADEMIC APPOINTMENTS

2024
Head of department
Department of Civil, Chemical and Environmental Engineering (DICCA)
Università degli Studi di Genova, Italy

2024
President
Italian Association for Wind Engineering (ANIV)

2022-2025
Chair of the International Science Advisory Committee
WindEEE Laboratory
University of Western Ontario, Canada

Università di Genova

EXPERIENCE

INVITED LECTURES

2024 The significance of thunderstorm phenomena in the built environment
Placeholder ARUP Talk ARUP
2022 Risk assessment and resilience of SeaPort infrastructures under extreme winds
Keynote Lecture European and African Conference on Wind Engineering EACWE2022 Bucharest
2022 Wind storms – what can we measure on the field?
ANIV-WES Joint Event WES London
2021 The effect of thunderstorm extreme winds on lightweight structures
Keynote Lecture XXVII Conference of Lightweight Structures in Civil Engineering LSCE 2021 Lods
2021 Genova e l'energia: la centrale termoelettrica del porto – La Struttura
Workshop Memoria identitaria tra conservazione e riuso – AIPAI and Fondazione Ducale, Genova

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

2022-2026 ERIES- Engineering Research Infrastructures for European Synergies
Transnational access to advance frontier knowledge related to seismic, wind and geotechnical hazards. www.eries.eu
Horizon Europe

2023-2025 CROSS-STORM - Crosswind stability of road vehicles under thunderstorm
Developing a numerical-experimental procedure for evaluating the risk of accidents on road vehicles due to the strong crosswinds generated by a thunderstorm.
www.drismi.polimi.it/cross-storm
MUR PRIN2022

2017-2021 THUNDERR- Detection, simulation, modelling and loading of thunderstorm outflows to design wind-safer and cost-efficient structures
www.thunderr.eu
Horizon 2020

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

2021-2025 Member of Editorial Board
Journal of Wind Engineering and Industrial Aerodynamics
Elsevier

2019 Guest Editor
Building Simulation, Vol. 12, Issue 2, pp. 157-194, ISSN: 1996-8744
Springer

Università di Genova

2014 Guest Editor
Journal of Wind Engineering and Industrial Aerodynamics, Vol. 147, ISSN: 01676105
Elsevier

2012 Co-Editor
Vento e Porti - La previsione del vento per la gestione e la sicurezza delle aree portuali /Vent et Ports - La prévision du vent pour la gestion et la sécurité des zones portuaires - ISBN 9788890124648

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2014 Raymond C. Reese Research Prize
American Society of Civil Engineer (ASCE)

2011 Junior Award
International Association for Wind Engineering (IAWE)

2008 Special Mention ANIV Award
Italian Association for Wind Engineering (ANIV)

OTHER EXPERIENCES

2025 Member of the scientific committee for the revision of the Italian Standards for Construction Design
Italian Ministry of Infrastructures, C.S.LL.PP.

2020-2025 Member of the Steering Committee
Italian Institute of Welding (IIS)