

Marta Casanova

Researcher

EDUCATION AND TRAINING

2020

PhD in Architectural Heritage Conservation

Thesis title: "Costruzione e trasformazioni delle architetture di Giuseppe Terragni. Edifici di abitazione tra Como e Milano"
Politecnico di Milano

2012

Specializzazione in Beni Architettonici e del Paesaggio

Thesis title: "Studi e ricerche per l'Albergo dei Poveri. Analisi preliminari per l'allestimento di un museo dell'Albergo"
University of Genoa

2009

Licensed Architect in Italy

Registered architect with the Italian professional body (Order of Architects), Province of Alessandria, since 2010

2009

Master's Degree in Architecture

Thesis title: "L'ex Oratorio di San Sebastiano a Lombriasco - Torino: progetto di restauro conservativo e riconversione funzionale" - Maximum grade (110/110 cum laude), with thesis recommended for publication
University of Genoa

2007-2008

Erasmus Exchange Programme Participant

Universidad Politecnica di Valencia

2003

Scientific High School Diploma (Diploma di Maturità Scientifica)

90/100
Liceo Scientifico Amaldi, Novi Ligure

PROFESSIONAL HISTORY

2023 – ongoing

Researcher in Technological and Environmental Design in Architecture

Architecture and Design Department, University of Genoa

2020-2023

Research Fellow

Research title: "Interoperabilità per il restauro"
Architecture and Design Department, University of Genoa

2014-2016

Research Fellow

Research title: “Strumenti e metodi di memorizzazione e gestione di informazioni complesse derivanti dallo studio e dal rilievo di manufatti architettonici monumentali volti alla gestione del loro restauro”

Architecture and Design Department, University of Genoa

ACADEMIC APPOINTMENTS

2024 – ongoing

Student Career Advisor for the Bachelor's Degree Programme in Architecture

Architecture and Design Department, University of Genoa

2025 – ongoing

Member of the Departmental Committee for External Professional Appointments

Architecture and Design Department, University of Genoa

EXPERIENCE

MAIN SEMINARS (2023-2025)

July 8–9, 2025 NbS Italy Hub Annual Meeting Territorial Regeneration through NbS

Poster presentation: “*BE-WoodEN: building together with wood, people and places*”

Metropolitan City of Milan and Politecnico di Milano

June 19, 2025 Trajectories of Research in Technological and Environmental Design of Architecture

Thematic table: *Strategic Materials and Technologies for Sustainable Development Scenarios*

Talk title: “*New European Bauhaus for Timber Construction: the LIFE BE-WoodEN Project*”

Architecture and Design Department, University of Genoa

June 19–20, 2025 Trajectories of Research in Technological and Environmental Design of Architecture

Member of the conference organizing committee

Architecture and Design Department, University of Genoa

June 4–6, 2025 International Social Housing Festival

Presentation: “Co-Designing Social Housing for Ageing Population: the New European Bauhaus in Liguria”

Dublin

April 10, 2025 International Conference: Forum Med.Net5 – ReCITYing: n-cities, emerging pressing dynamic

Invited lecture: presentation of the BE-WoodEN project

Aula Magna, Albergo dei Poveri, University of Genoa

September 10–13, 2024 IX EAAE International Workshop – Conservation Network: Conservation / Creation – The Contribution of Conservation to Urban Futures

Member of the organizing committee

Architecture and Design Department, University of Genoa

September 10–13, 2024 IX EAAE International Workshop – Conservation Network: Conservation / Creation – The Contribution of Conservation to Urban Futures

Workshop participation with the contribution: *“Conservation and Creation: The Role of Post-War Emergency Interventions by Genio Civile in Genoa”*

Architecture and Design Department, University of Genoa

November 16–18, 2023 International Conference “Self-Sufficient City”

Member of the Scientific Committee

Department of Architecture, Faculty of Architecture and Engineering, Epoka University, Tirana

November 16–18, 2023 International Conference “Self-Sufficient City”

Presentation: *“Protection and Reuse of Military Heritage: Novi Ligure Airport”*

Department of Architecture, Faculty of Architecture and Engineering, Epoka University, Tirana

January 16–17, 2023 Conference – Historic Preservation Foundation Classes: Procedures and Ontologies for Interoperability in Architectural Heritage Protection

Invited lecture, PRIN 2017 HPFC project, Presentation: *“The Case Study of Palazzo Belimbau in Genoa”*

Palazzo Hercolani, Bologna

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

2024 – ongoing LIFE-2023-PLP-BE-WoodEN

Participation in the research team of the project *“BE-WoodEN – Building and Education in Wood Ecosystem for the New European Bauhaus”*, funded under the LIFE-2023-PLP call, topic LIFE-2023-PLP-Bauhaus-Phoenix-Emerald.

Involvement in the activities of WP1 (Preparatory action), WP2 (Project management and monitoring), WP3 (Capacity building), WP4 (Innovation Lab), WP5 (Pilot Action), WP6 (Sustainability, replication and exploitation of project results), and WP7 (Communication and dissemination).

Role: Member of the coordinating research team, alternate member of the Steering Committee for the University of Genoa.

Project leader: Prof. Giovanna Franco

Architecture and Design Department, University of Genoa

2024 – ongoing The Role of the Genio Civile in Post-War Interventions on Monumental Buildings in Genoa

Principal investigator of the research project funded by PRA 2024 (University Research Projects)

Architecture and Design Department, University of Genoa

2023 – ongoing Land-In-Pro: Landscapes of Industrial Production: Documenting and Assessing 20th-century (post)Industrial Landscapes as Resources

Collaboration as a member of the MARSC Laboratory.

Support for research activities within WP1 “Inventorying the tangible: Investigating, identifying, and mapping,” WP2 “In-depth investigation of a representative (pilot) case study,” and WP3 “Processing and harmonization of collected data: webGIS and GIS project.”

Principal investigator: Prof. Federica Pompejano

Architecture and Design Department, University of Genoa

2019 – 2024 PRIN 2017 – National Research Project of Significant Interest: HPFC – Historic Preservation Foundation Classes. Procedures and Ontologies for Interoperability in the Protection of Architectural Heritage

Member of the research team.

Lead institution: Politecnico di Milano. Partners: University of Genoa, University of Rome La Sapienza, University of Bologna.

Contact person for the Genoa research unit, in collaboration with the Milan unit, for the development of an ontology (IFC standard) in WP4 aimed at describing the physical elements and construction activities of heritage conservation interventions, based on the most common lexicons, taxonomies, and reconstructed processes.

Architecture and Design Department, University of Genoa

2019 – 2022 CONSERvation of 20th century concrete Cultural Heritage in urban changing environments

Member of the research team.

Lead institution: Institute of Theoretical and Applied Mechanics, Czech Academy of Sciences (CZ). Partners: Institute of Sociology of the National Academy of Sciences of Belarus (BY), Delft University of Technology (NL), University of Cyprus (CY), University of Genoa.

Architecture and Design Department, University of Genoa

2013 – 2016 PRIN 2010–2011 – National Research Project of Significant Interest: “Modelling and Information Management for the Existing Building Heritage – Built Heritage Information Modelling/Management (BHIMM)”

Member of the research team.

National coordinator: Prof. Stefano Della Torre, Politecnico di Milano. Research units: Politecnico di Milano (Department ABC), Politecnico di Torino (Profs. B. Chiaia, A. Osello), National Research Council – Bari (Eng. Milella), University of Brescia (Prof. A. Ciribini), University of Rome La Sapienza (Profs. G. Carrara, D. Fiorani), University of Genoa (Prof. S.F. Musso).

Architecture and Design Department, University of Genoa

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

2021 – ongoing Member of the Scientific Committee of the editorial series “L’Oltregiogo genovese. Storia, territorio, dimore”

The series is supported by an interdisciplinary scientific committee and follows a peer-review selection process.

Publisher: SAGEP Editori, Genoa

2022 – ongoing Member of the Editorial Advisory Board of the journal *Journal of Information Technology in Construction* (ISSN 1874-4753)

International peer-reviewed journal

2021 Reviewer for the journal *TEMA – Technologies Engineering Materials Architecture* (ISSN 2421-4574)

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2023 – ongoing Member of SITdA – Italian Society of Architectural Technology

Member of the thematic clusters:

Reuse, Rehabilitation, Maintenance

Energy, Climate and Architecture

2022 – ongoing Member of ICOMOS Italy – International Council on Monuments and Sites,
Italian National Committee

Member of the National Scientific Committee on Vernacular Architecture, ICOMOS Italy

OTHER EXPERIENCES

2019 – 2022 Chair of the Local Landscape Commission

Municipality of Pozzolo Formigaro

2014 – 2022 Member of the Local Landscape Commission

Municipalities of Novi Ligure, Bosco Marengo, Cassano Spinola, Fresonara, Frugarolo,
Pasturana, Sardigliano

2014 – 201 Member of the Local Landscape Commission

Municipality of Pozzolo Formigaro