



PERSONAL INFORMATION



Giuseppe Margani

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Date of birth 02/10/1068 | Nationality Italian

ACADEMIC APPOINTMENTS

2021 – Today

Full Professor of Architectural EngineeringUniversity of Catania, Italy – www.unict.it

- Current teaching activities: *Architectural Engineering and Technologies for Sustainable Architecture*
- Main research interests: Sustainable Architecture, Energy and Seismic Building Renovation, Innovation in Building Technologies, History of Construction Technologies, Restoration of Historical Buildings, Low-carbon and cost-effective architectural solutions

2011 – 2020

Associate Professor of Architectural Engineering

University of Catania, Italy

2008 – 2010

Assistant Professor of Architectural Engineering

University of Catania, Italy

2001 – 2008

Postdoctoral Research Fellow and Adjunct Teaching Faculty member

University of Catania, Italy

WORK EXPERIENCE

2012 – Today

Independent Expert for Research and Innovation Programmes (FP7, H2020, Horizon Europe)

European Commission

2020 – 2022

Member of the Evaluation Expert Group for the Evaluation of Research Quality 2015-2019

Italian Ministry of University and Research

1997 – Today

Consulting in Building Engineering

30 years of work experience in Building Technology and Design, Building Refurbishment, and Non-destructive Testing and Monitoring for Cultural Heritage

1994 – 1996

Licensed Building Engineer

Architekturbüro Marlies Haase, Berlin, Germany

EDUCATION AND TRAINING

1996 – 1999

Ph.D. in Building EngineeringUniversity of Palermo, Italy – www.unipa.it

1987 – 1993

Master's Degree in Civil Engineering, Building Section

University of Catania, Italy

1982 – 1987

Baccalaureate in Classical Studies

Liceo classico "Mario Cutelli", Catania, Italy

MAIN RESEARCH PROJECTS

- 2024 – 2025 **AUDI** “Toward to an Abilitant-Ubique sme's Designed productive Island”, PNRR - NEXTGENERATION EU – Research Programme PE00000004 "Made in Italy Circolare e Sostenibile - MICS”, Italian Ministry of University and Research (EUR 450,000)
Unit Member
- 2023 – Today **MUD-MADE** “MUlti-objective optimization of Digitally MAnufactureD Earth building component supported by neural networks”, PNRR, Italian Ministry of University and Research (EUR 266,091)
Unit Member
- 2023 – 2025 **ARCHICART LIFEHOUSE**, PO-FESR Sicilia (European Regional Development Fund Operational Programme Sicily 2014/2020 2014/2020), Action 1.1.5 “Qualified investments for the development and strengthening of research and innovation capacity” (EUR 1,030,000)
Unit Member
- 2022 – Today **SAMOTHRACE** “Sicilian Micronano Tech Research And Innovation Center”, PNRR, Mission 4, Education and research - Component 2 - Investment 1.5, Spoke 1, WP5 - Cultural Heritage, Italian Ministry of University and Research
Unit Member
- 2020 – 2025 **e-SAFE** "Energy and Seismic aFfordable rEnovation solutions", EU H2020, Call H2020-LC-SC3-EE-1-2018-2019-2020, Grant Agreement No. 893135 (EUR 4,591,045)
Project Coordinator
- 2018 – 2019 **VVITA** "Modernizing learning and teaching for architecture trough smart and long-lasting partnerships leading to sustainable and inclusive development strategies to vitalize heritage villages trough innovation technologies", EU ERASMUS+ (EUR 224,419)
Unit Member
- 2017 – Today **Research Agreement "Multidisciplinary approach for the analysis of Roman Baths in Sicily"**
Scientific Co-Director
Research Institutions: Centre for the Study of Ancient Sicily at the University of British Columbia (Canada), “Kore” University of Enna (Italy), University of Catania (Italy)
- 2018 – 2021 **Research Agreement "Sustainable Building Retrofit"**
Scientific Co-Director
Research Institutions: KADK - The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation (Denmark), University of Catania (Italy)
- 2017 – 2021 **Research Agreement "Seismic and Energy Renovation Strategies for Sustainable Buildings"**
Scientific Co-Director
Research Institutions: “Ion Mincu” University of Architecture and Urban Planning of Bucharest (Romania), Urban INCD INCERC of Bucharest (Romania), University of Catania (Italy)

JOURNAL OR EDITORIAL
SERIES SUPPORT

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- 2021 – Today **Culture costruttive per il recupero sostenibile, Edicom Ed.**
Scientific Committee Member
- 2019 – Today **TEMA "Technologies, Engineering, Materials and Architecture"**
Editor
- 2016 – Today **Buildings, MDPI**
Editorial member and Guest Editor
- 2016 – 2025 **Sustainability, MDPI**

Editorial member and Guest Editor

2011 – Today Peer-reviewer of many scientific journals from international academic publishers (Elsevier, Taylor & Francis, MDPI, etc.)

ACADEMIC PLATFORMS

Orcid <https://orcid.org/0000-0002-2170-3886>
 Scopus <https://www.scopus.com/authid/detail.uri?authorId=36170629300>
 Google Scholar <https://scholar.google.com/citations?user=7aMwuWcAAAAJ&hl=it>
 Research Gate <https://www.researchgate.net/profile/Giuseppe-Margani>

CONFERENCES

Organizer and / or member of the Scientific Committee of 20+ national and international conferences. Invited speaker in several national and international conferences.

TECHNOLOGICAL TRANSFER

2023 – Today **Spin-Off:** Chairman and Co-Founder of the company *WeDeSt – We Design Studio*, spinoff of the University of Catania. The company provides design consultancy on innovative construction technologies and materials for new and existing buildings.

2019 **Patent:** Dissipative connection device for cross-laminated timber panels. Italian National Patent No. 102019000012402. 17.07.2019.

2019 – Today **Non-profit Support:** Support to the non-profit company "I Bambini di Antonio Ltd" (<https://www.ibambinidiantonio.it/eng/>) through service learning and research activities for the design and construction of sustainable buildings in tropical Africa.

2000 – 2009 **Spin-Off:** Promoter and Co-Founder of the company *SIND (Società di Indagini Non Distruttive) S.r.l.*, spinoff of the University of Catania. The company provided nondestructive testing and monitoring for cultural heritage

PUBLICATIONS

- Books**
- G. Margani, La riqualificazione dell'edilizia residenziale del secondo dopoguerra. La "zona a mare" di Catania [Renovation of housing built after World War II. The "Sea Area" of Catania], Aracne Ed., Roma 2014.
 - G. Margani, Costruzione e recupero dell'opera muraria. "Regola dell'arte" e interventi di consolidamento [Construction and renovation of masonry. "Rule of art" and strengthening interventions], Il Lunario Ed., Enna 2009.
 - G. Margani, Il Centro cittadino di Catania [The *City Center* of Catania], Documento n. 29 del Dipartimento di Architettura e Urbanistica dell'Università degli Studi di Catania, Il Lunario Ed., Enna 2006.
 - G. Margani, Celle tricore – Edifici a pianta trilobata nella tradizione costruttiva siciliana [Cellae trichorae - Trefoil plan buildings in the Sicilian building tradition], Documento n. 28 del Dipartimento di Architettura e Urbanistica dell'Università degli Studi di Catania, Il Lunario Ed., Enna 2005.
 - M. Liuzzo, G. Margani et Al., Quattro studi sulla chiesa di San Nicolò l'Arena – Indagini storico-costruttive [Four studies on the church of San Nicolò l'Arena - Historical-constructive investigations], Documento n. 27 del Dipartimento di Architettura e Urbanistica dell'Università degli Studi di Catania, Catania 2004.
 - G. Margani, Chiese basiliane in Sicilia – Studio delle tecniche costruttive [Basilian churches in Sicily - Study of construction techniques], Tesi di dottorato, Università degli Studi di Palermo, Palermo 2000.
 - R. Caponetto, G. Margani, V. Sapienza, Tre chiese a Catania – Indagine storico costruttiva [Three churches in Catania - Historical and constructive analysis], Gangemi Ed., Roma 2000.
- Edited books**
- S.M. Cascone, G. Margani, V. Sapienza (Eds.), *Colloqui.AT.e 2020 - New Horizons for Sustainable Architecture*, EdicomEdizioni, Monfalcone 2019.
 - G. Margani (Ed.), *Energy and Seismic Renovation Strategies for Sustainable Cities*, MDPI, Basel 2019, doi: 10.3390/books978-3-03897-945-6.
 - G. Margani, G. Rodonò, V. Sapienza (Eds.), *Seismic and Energy Renovation for Sustainable Cities*, Proceedings of the International Conference on Seismic and Energy Renovation for Sustainable Cities, Catania 1-3 February 2018, EdicomEdizioni, Monfalcone 2018.

Peer-reviewed journal articles

- G. Evola, M. Torrisi, V. Costanzo, M. Lazzaro, D. Amone, G. Margani, "A Decision Support Tool to Assess the Energy Renovation Performance Through a Timber-Based Solution for Concrete-Framed Buildings", *Energies*, 18, 2839, 2025 (doi: 10.3390/en18112839).
- C. Tardo, L. Floriano, M. Liuzzo, A.M. Gueli, G. Stella, G. Margani, "Historical, Geometrical, and Constructive Analyses of the Rotonda Roman Baths in Catania (Sicily)", *Buildings*, 15(4), 515, 2025, (doi: 202510.3390/buildings15040515).
- F. Cannizzaro, M. Liuzzo, G. Margani, B. Pantò, "An interdisciplinary approach for the geometric, constructive, and structural assessment of historical masonry domes with application to the 'Badia di Sant'Agata' in Catania, Sicily", in *International Journal of Architectural Heritage*, 18 (6), 2023, pp. 1033-1058, doi: 10.1080/15583058.2023.2213186.
- G. Margani, C. Tardo, "Technological analysis of a prefabricated timber-based system for the integrated renovation of RC framed buildings", in *TEMA - Technologies, Engineering, Materials and Architecture*, 8 (2), 2022, pp. 30-43, doi: 10.30682/tema0802f.
- A. Floriano, M. Liuzzo, G. Margani, "Geometric Characterization of Late-Baroque Domes in Sicily", in *Nexus Netw J*, 2022, doi: 10.1007/s00004-022-00594-z
- G. Evola, V. Costanzo, A. Urso, C. Tardo, G. Margani, "Energy performance of a prefabricated timber-based retrofit solution applied to a pilot building in Southern Europe", in *Building and Environment*, 222 (2022) 109442, doi: 10.1016/j.buildenv.2022.109442.
- G. Evola, G. Margani, V. Costanzo, A. Artino, D. Distefano, G. Semprini, M. Lazzaro, D. Amone, "A decision support tool for the co-design of energy and seismic retrofitting solutions within the e-SAFE project", in O. Littlewood, R.J. Howlett, L.C. Jain (Eds.), *Sustainability in Energy and Buildings – SEB 2022*, Springer Nature Singapore Pte Ltd., Singapore, 2022.
- A.M. Gueli, M. Liuzzo, G. Margani, S. Pasquale, G. Politi, G. Stella, "An interdisciplinary approach for the investigation and dating of Roman thermal buildings: the Indirizzo Baths at Catania, Sicily", in *TEMA - Technologies, Engineering, Materials and Architecture*, 7 (1), 2021, pp. 43-66, doi: 10.30682/tema0701e.
- G. Evola, G. Margani, V. Costanzo, C. Tardo, E.M. Marino, et al., "The e-SAFE energy and seismic renovation solutions for the European building stock: main features and requirements", in *Journal of Physics: Conference Series*, 2021, vol. 2069 (1), 2021, pp. 012224, doi:10.1088/1742-6596/2069/1/012224.
- A. Artino, R. Caponetto, G. Evola, G. Margani, E.M. Marino, E. Murgano, "Decision Support System for the Sustainable Seismic and Energy Renovation of Buildings: Methodological Layout", in *Sustainability*, 12(24), 10273, 2020, pp. 1-21, doi: 10.3390/su122410273.
- G. Margani, G. Evola, C. Tardo, E.M. Marino, Energy, seismic and architectural renovation of RC framed buildings with prefabricated timber panels, *Sustainability*, 12(12), 4845, 2020, doi: 10.3390/su12124845.
- G. Evola, V. Costanzo, C. Magri, G. Margani, L. Marletta, "A novel comprehensive workflow for modelling outdoor thermal comfort and energy demand in urban canyons: Results and critical issues", in *Energy and Buildings*, 216, 2020, doi:10.1016/j.enbuild.2020.109946.
- A. Artino, G. Evola, G. Margani, E.M. Marino, "Seismic and Energy Retrofit of Apartment Buildings through Autoclaved Aerated Concrete (AAC) Blocks Infill Walls", in *Sustainability*, 11(14), 3939, 2019, doi: 10.3390/su11143939.
- L. Floriano, M. Liuzzo, G. Margani, "Best-Fit Analysis for the Geometry Characterization of Domes", in L. Cocchiarella (eds), *ICGG 2018 - Proceedings of the 18th International Conference on Geometry and Graphics, Advances in Intelligent Systems and Computing*, Springer, Cham, vol. 809, 2019, pp. 690-700, doi:10.1007/978-3-319-95588-9_57.
- M. Liuzzo, G. Margani, R.J.A. Wilson, The Indirizzo Roman Baths at Catania, *Journal of Roman Archaeology*, 31, 2018, pp. 193-221, doi: 10.1017/S1047759418001289.
- E.S. Georgescu, Z. Macri, G. Margani et Al., "Seismic and Energy Renovation: A Review of the Code Requirements and Solutions in Italy and Romania", in *Sustainability*, 10(5), 1561, 2018, doi:10.3390/su10051561.
- P. La Greca, G. Margani, "Seismic and Energy Renovation Measures for Sustainable Cities: A Critical Analysis of the Italian Scenario", in *Sustainability*, 10(1), 254, 2018, doi:10.3390/su10010254.
- A.M. Gueli, M. Liuzzo, G. Margani, et al., "Effects of moisture on historical buildings TL ages", in *Measurement*, 118, 2018, 289-297, doi:10.1016/j.measurement.2017.06.034.
- S. Cirami, G. Evola, A. Gagliano, G. Margani, "Thermal and economic analysis of renovation strategies for a historic building in Mediterranean area", in *Buildings*, 7, 60, 2017, doi:10.3390/buildings7030060.
- A. Gagliano, M. Liuzzo, G. Margani, W. Pettinato, "Thermo-hygrometric behaviour of Roman thermal buildings: the "Indirizzo" Baths, Catania (Sicily)", in *Energy and Buildings*, 138, 2017, pp. 704-715, doi:10.1016/j.enbuild.2016.12.011.
- G. Evola, G. Margani, "Renovation of apartment blocks with BIPV: energy and economic evaluation in temperate climate", in *Energy and Buildings*, 130, 2016, pp. 794-810,

doi:10.1016/j.enbuild.2016.08.085.

- A.M. Gueli, G. Margani, G. Stella, S.O. Troja, "Historical survey and chronology of Bonajuto Chapel in Catania, Italy", in *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration*, 9, 4, 2015, pp. 485-496, doi:10.1080/15583058.2013.804966.
- G. Evola, G. Margani, L. Marletta, "Cost-effective design solutions for low-rise residential Net ZEBs in Mediterranean climate", in *Energy and Buildings*, 68, 9, January 2014, pp. 7-18; doi:10.1016/j.enbuild.2013.09.026.
- G. Evola, G. Margani, L. Marletta, Energy and cost evaluation of thermal bridge correction in Mediterranean climate, *Energy and Buildings*, 43, 9, 2011, pp. 2385-2393 doi: 10.1016/j.enbuild.2011.05.028.
- A.M. Gueli, G. Margani, G. Stella, S.O. Troja, "Absolute dating of the Cuba of Santa Domenica", in *Il Nuovo Cimento B*, 124, 8, 2009, pp. 885-891, doi:10.1393/ncb/i2010-10818-2.
- G. Margani, "Presentation", in C. Tardo, *Seismic and Energy Renovation of RC-Framed Building with Cross-Laminated Timber Panels Equipped with Innovative Friction Dampers*, EdicomEdizioni, Monfalcone, 2025, pp. 5-6 (ISBN 979-12-81229-21-1).
- S.M. Cascone, V. Sapienza, G. Margani, "Presentazione", in A. Monteleone, G. Rodonò, C. Tardo (Eds.), *Giornata Ar.Tec. 2025. La Terza Missione nel settore dell'Architettura Tecnica. Stato dell'Arte e Prospettive. Report finale*, Luciano Editore, Napoli, 2025, pp. 9-11 (ISBN 978-88-6026-366-7).
- G. Margani, "L'edificio di 'Bagno di Mare' presso Santa Croce Camerina", in *Quaderno 22*, Dipartimento di Architettura e Urbanistica dell'Università degli Studi di Catania, Il Lunario Ed., Enna 2006, pp. 44-59.
- M. Liuzzo, G. Margani, "Tre esempi di architettura altomedioevale in Sicilia – Analisi della geometria delle volte", in L. Andreozzi, *Il laser scanner nel rilievo di architettura. La nostra esperienza*, Il Lunario Ed., Enna 2003, pp. 53-66.
- G. Margani, "Chiese basiliane in Sicilia – Studio delle tecniche costruttive", in *Quaderno 20*, Dipartimento di Architettura e Urbanistica dell'Università degli Studi di Catania, Gangemi Ed., Roma 2002, pp. 121-126 (ISBN 88-492-0316-0).
- G. Margani, "La chiesa di Santa Domenica a Castiglione di Sicilia", in *Quadrato*, Rivista del Dipartimento di Rappresentazione e Progetto dell'Università di Messina, n. 1, Messina 2002, pp. 39-70.
- G. Margani, "Emergenze basiliane sulle pendici ioniche dei Peloritani", in M.C. Lentini (a cura di), *Naxos di Sicilia in età romana e bizantina ed evidenze dai Peloritani*, Edipuglia Ed., Bari 2001, pp. 143-160.
- G. Margani, "La cupola della cattedrale di Noto", in *Rassegna di studi e ricerche del Dipartimento di Rappresentazione e Progetto dell'Università di Messina*, n. 2, Sicania Ed., Messina 1997, pp. 99-118.

Books chapters

Conference proceedings

- G. Fichera, V. Guardo, D.L. Distefano, G. Rodonò, C. Tardo, G. Margani, "Application of the e-SAFE retrofit technologies on a pilot building", in R. Albatici et al. (Eds.), *Envisioning the Futures - Designing and Building for People and the Environment. Proceedings of Colloqui.AT.e 2025*, Springer, Cham, vol. 2, pp. 378-392 (ISBN 978-3-032-06977-1; doi: 10.1007/978-3-032-06978-8).
- G. Fichera, V. Guardo, L.R. Frazzetto, G. Rodonò, G. Margani, "Architecture and Engineering in the AI Era: Definition and Validation of a new AI-Driven Design Work-flow", in R. Albatici et al. (Eds.), *Envisioning the Futures - Designing and Building for People and the Environment. Proceedings of Colloqui.AT.e 2025*, Springer, Cham, vol. 3, pp. 406-425 (ISBN 978-3-032-06992-4; doi: 10.1007/978-3-032-06993-1).
- G. Fichera, V. Guardo, D.L. Distefano, G. Rodonò, C. Tardo, G. Margani, "Scan-to-BIM methodology for installation of prefabricated panels on existing building façades: from point cloud data to native BIM categories", in R. Albatici et al. (Eds.), *Envisioning the Futures - Designing and Building for People and the Environment. Proceedings of Colloqui.AT.e 2025*, Springer, Cham, vol. 3, pp. 393-405 (ISBN 978-3-032-06992-4; doi: 10.1007/978-3-032-06993-1).
- G. Giuffrida, E. Noto, R.G. Caponetto, G. Margani, V. Sangiorgio, G. Rodonò, "Mechanical Optimization of 3D-printed Earth Blocks based on Triply Periodic Minimal Surfaces", in R. Albatici et al. (Eds.), *Envisioning the Futures - Designing and Building for People and the Environment. Proceedings of Colloqui.AT.e 2025*, Springer, Cham, vol. 3, pp. 425-442 (ISBN 978-3-032-06992-4; doi: 10.1007/978-3-032-06993-1).
- D. Vasta, G. Rodonò, G. Margani, "Low-carbon and cost-effective design solutions for rural housing in Uganda", in R. Albatici et al. (Eds.), *Envisioning the Futures - Designing and Building for People and the Environment. Proceedings of Colloqui.AT.e 2025*, Springer, Cham, vol. 3, pp. 909-931 (ISBN 978-3-032-06992-4; doi: 10.1007/978-3-032-06993-1).
- C. Tardo, G. Rodonò, G. Margani, "WEDEST – WE DEsign Studio. Servizi di progettazione per la riqualificazione del patrimonio edilizio", in A. Monteleone, G. Rodonò, C. Tardo (Eds.), *Giornata Ar.Tec. 2025. La Terza Missione nel settore dell'Architettura Tecnica. Stato dell'Arte e Prospettive. Report finale*, Luciano Editore, Napoli, 2025, pp. 253-260 (ISBN 978-88-6026-366-7).

- G. Margani, "La ricerca in Architettura Tecnica: riflessioni sulla valorizzazione dei contributi scientifici e su possibili tematiche da approfondire", in L. Diana, R. Marmo, V. Vitiello (Eds.), *Giornata Ar.Tec. 2024. L'Architettura tecnica fra transizione e rinnovamento. Didattica e Formazione, Ricerca Scientifica. Report finale*, Luciano Editore, Napoli, 2024, pp. 153-163 (ISBN 978-88-6026-359-9).
- G. Rodonò, A. Amelio, C.A. Chiarantoni, G.R. Dell'Osso, G. Margani, V. Sangiorgio, "Raw earth buildings and Industry 4.0: an overview of the technology and innovation of the MUD-MADE project", in R. Corrao et al. (Eds.), *Proceedings of the 11th International Conference of Ar.Tec. (Scientific Society of Architectural Engineering). Colloqui.AT.e 2024*, Springer, Cham, pp. 633-646 (ISBN 978-3-031-71855-7; doi: 10.1007/978-3-031-71867-0_43).
- L. Floriano, M. Liuzzo, G. Margani, C. Tardo, "The Engineering Approach to the Study of Roman Thermal Buildings: The Case Study of the Rotonda Roman Baths at Catania", in R. Corrao et al. (Eds.), *Proceedings of the 11th International Conference of Ar.Tec. (Scientific Society of Architectural Engineering). Colloqui.AT.e 2024*, Springer, Cham, pp. 315-330 (ISBN 978-3-031-71855-7; doi: 10.1007/978-3-031-71855-7_20).
- G. Margani, C. Tardo, "Historical and constructive analysis of the Rotonda Roman baths at Catania (Sicily)", in Y. Boffill, I. Lombillo, H. Blanc, *Rehabend 2024. Construction Pathology, Rehabilitation Technology and Heritage Management*, Gijon (Spain), 7-10 May 2024, University of Cantabria, pp. 263-271 (ISBN 978-84-09-58989-0).
- A.M. Gueli, M. Liuzzo, G. Margani, G. Stella, "Un approccio multidisciplinare per lo studio dell'uso e del riuso degli antichi edifici termali", in A. Cardaci, F. Picchio, A. Versaci (Eds.), *Reuso 2024 - Documentazione, restauro e rigenerazione sostenibile del patrimonio costruito*, Bergamo (Italia), 29-31 ottobre 2024, PUBBLICA, Alghero, 2024, pp. 427-436 (ISBN 978-88-99586-454).
- G. Fichera, V. Guardo, G. Margani, C. Tardo, "Application of a retrofit system to improve the seismic and energy performances of RC framed buildings", *ESICC 2023 - Energy efficiency, Structural Integrity in historical and modern buildings facing Climate change and Circularity*, *Structural Integrity Procedia* 55 (2025) 193-200 (doi: 10.1016/j.prostr.2024.02.025).
- M. Bosco, S. D'urso, G. Margani, E. M. Marino, G. M. Nicolosi, C. Tardo, "Application potentials of a 3D exoskeleton technology combined with prefabricated panels to renovate the modern building stock", in F. FATIGUSO, F. FIORITO M. DE FINO, E. CANTATORE (Eds.), *Colloqui.AT.e 2023 – In Transition: challenges and opportunities for the build heritage*, Bari (Italy), 14-17 June 2023, EdicomEdizioni, Monfalcone, 2023, pp. 649-660 (ISBN 979-12-81229-02-0). S. D'Urso, G. Margani, G.M. Nicolosi, V. Pavone, L. Saija, C. Tardo, "Co-designing sustainability: the case of via Acquicella Porto in Catania", in A. Cernaro, O. Fiandaca, R. Lione, F. Minutoli (Eds.), *2030 D.C. Proiezioni future per una progettazione sostenibile*, Gangemi Ed. International, Roma, 2022, pp. 641-652.
- D. Distefano, G. Margani, G. Rodonò, V. Sapienza, C. Tardo, "Progettazione tecnologica di interventi integrati di retrofit sismico ed energetico nell'ambito del progetto e-SAFE", in A. Cernaro, O. Fiandaca, R. Lione, F. Minutoli (Eds.), *2030 D.C. Proiezioni future per una progettazione sostenibile*, Gangemi Ed., Roma, 2022, pp. 631-640.
- L. Floriano, M. Liuzzo, G. Margani, "Geometric Characterization of Late-Baroque Domes in Sicily", in K. William, C. Leopold (Eds.), *Nexus 20/21. Architecture and Mathematics. Conference Book*, Kim Williams Books, Turin 2021, pp.245-250.
- A. Artino, G. Margani, E.M. Marino, "Valutazione speditiva della vulnerabilità sismica finalizzata alla riqualificazione degli edifici", in E. Sicignano (Ed.), *Colloqui.AT.e 2021 - Design and construction. Tradition and innovation in the practice of architecture*, EdicomEdizioni, Monfalcone 2021, pp.1696-1711.
- C. Tardo, G. Fiore, G. Margani, "Technological analysis of prefabricated timber-based panels for the integrated renovation of RC framed buildings", in E. Sicignano (Ed.), *Colloqui.AT.e 2021 - Design and construction. Tradition and innovation in the practice of architecture*, EdicomEdizioni, Monfalcone 2021, pp. 597-611.
- G. Evola, G. Margani, E.M. Marino, L. Saija, S. D'Urso, "e-SAFE: energy and seismic affordable renovation solutions for the decarbonisation and seismic safety of the EU building stock", in 16th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), 10-17 October 2021, pp. 1-12 (0573-1).
- F. Barbagallo, G. Margani, E.M. Marino, A. Moretti, C. Tardo, "Impact of retrofit of RC frames by CLT panels and friction dampers", in *COMPdyn Proceedings, 8th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPdyn 2021*, Vol. 2021-June, 2021, pp.2287-2299.
- C. Tardo, F. Boggian, M. Hatletveit, E.M. Marino, G. Margani, R. Tomasi, "Mechanical characterization of energy dissipation devices in retrofit solution of reinforced concrete frames coupled with solid wood panels", in P. Roca, L. Pel, C. Molins (Eds.), *12th International Conference on Structural Analysis of Historical Constructions (SAHC 2020)*, 2021.
- G. Margani, C. Tardo, "Alternative materials and technological solutions for low-income housing in Tropical Africa", in I. Lombillo, H. Blanco, Y. Boffill (Eds.), *Rehabend 2020 - Construction Pathology, Rehabilitation Technology and Heritage Management*, 8th REHABEND Congress, Granada (Spain),

24-27 March 2020, pp. 1143-50.

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PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Decision making, team management and project management skills acquired in over 20 years of coordination of research projects and design teams (currently responsible for a team of 30+ people)

Computer skills

Microsoft Office: proficient user of Word, Excel and PowerPoint | AutoCAD: professional proficiency

22nd February 2026

