



PERSONAL INFORMATION

Giuseppe Margani



 [Dipartimento Ingegneria Civile e Architettura](#), Università degli Studi di Catania,
Via Santa Sofia 64, 95123 Catania, Italy

 +39 095 738 2509  +39 328 8842 111

 margani@unict.it

 <http://www.dicar.unict.it/docenti/giuseppe.margani>

 Skype gmargani

Sex Male | Date of birth 02/10/1068 | Nationality Italian

ACADEMIC APPOINTMENTS

2021 – Today

Full Professor of Building DesignUniversity of Catania, Italy – www.unict.it

- Teaching activities: *Building Design* 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

2011 – 2020

Associate Professor of Building Design

University of Catania, Italy

2008 – 2010

Assistant Professor of Building Design

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 Nondestructive Testing and Monitoring for Cultural Heritage

1994 – 1996

Licensed Building Engineer

Architekturbüro Marlies Haase, Berlin, Germany

EDUCATION AND TRAINING

1996 – 1999

Ph.D. in Architectural 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

- 2023 – Today **MUD-MADE “Multi-objective optimization of digitally manufactured earth building component supported by neural networks”, PRIN 2022 PNRR, Italian Ministry of University and Research (EUR 266,091)**
Unit Member
- 2020 – Today **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

- 2021 – Today **Culture costruttive per il recupero sostenibile, Edicom Ed.**
Scientific Committee Member
- 2019 – Today **TEMA “Technologies, Engineering, Materials and Architecture”**
Associated Editor
- 2016 – Today **Sustainability, MDPI**
Editorial member and Guest Editor
- 2016 – Today **Buildings, 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:** Promoter 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 the Nakaseke District, Uganda.
- 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

- 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*, 2023, pp. 1-27, 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. Arnone, "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, E., "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, "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),

Books chapters

Conference proceedings

- 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.
 - 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.
 - G. Margani, "Opportunities for understanding and reducing risk in the housing sector", in A. Himmelfarb, Understanding Risk Europe Innovate for Resilience, The World Bank, Washington 2020, p. 74.
 - A. Artino, R. Caponetto, E.M. Marino, G. Margani, "Metodologia per lo sviluppo di un sistema di supporto decisionale per la riqualificazione sismica ed energetica di edifici a struttura intelaiata", in S.M. Cascone, G. Margani, V. Sapienza (Eds.), Colloqui.AT.e 2020 - New Horizons for Sustainable Architecture, EdicomEdizioni, Monfalcone 2020, pp. 1483-1495.
 - G. Margani, G. Evola, C. Tardo, E.M. Marino, "Integrated and sustainable renovation of RC framed buildings through a new timber-based envelope technology", in S.M. Cascone, G. Margani, V. Sapienza (Eds.), Colloqui.AT.e 2020 - New Horizons for Sustainable Architecture, EdicomEdizioni, Monfalcone 2020, pp. 445-456.
 - G. Evola, C. Magrì, G. Margani, E. Naboni, "Modelling outdoor thermal comfort and energy demand in urban canyons: validation of a novel comprehensive parametric workflow", in V. Corrado, E. Fabrizio, A. Gasparella, F. Patuzzi, Proceedings of Building Simulation 2019: 16th Conference of IBPSA, Rome 2019, pp. 3288-3295.
 - V. Sapienza, G. Margani, et al., "An Innovative Teaching Module Inside VVITA Project - Sustainable And Inclusive Development Of Strategies To Vitalize Villages Through Innovative Architecture Technologies", in P. Fiore, E. D'Andria (a cura di), Small towns...from problem to resource. Sustainable strategies for the valorization of building, landscape and cultural heritage in inland areas, FrancoAngeli, Milano 2019, pp. 1095-1104.
 - B. Borzi, F. Carollo, G. Margani, A. Monteleone, G. Rodonò, V. Sapienza, "La Villa Manganelli di Ernesto Basile a Catania. Tra modernità e contemporaneità", in F. Minutoli (a cura di), ReUSO 2018. L'intreccio dei saperi per rispettare il passato interpretare il presente salvaguardare il futuro, Messina, 11-13 October 2018, Gangemi Ed., Roma 2018, pp. 153-164.
 - D. CIMINO, G. EVOLA, C. MAGRÌ, G. MARGANI, E. NABONI, "Influenza dell'involucro edilizio sul

- clima outdoor: studio di un canyon urbano in clima mediterraneo", in F. CUBONI, G. DESOGUS, E. QUAQUERO (a cura di), *Colloqui.AT.e 2018. Edilizia circolare*, Edicom Edizioni, Monfalcone 2018, pp. 1027-1037.
- L. Floriano, M. Liuzzo, G. Margani, "Integrated archival and geometric analysis of two XVIII century domes in Sicily", in R. Salerno (a cura di), *40° Convegno Internazionale dei Docenti delle Discipline della Rappresentazione, Drawing as (in) tangible representation*, Milan 13–15 September 2018, Gangemi Ed., Roma 2018, pp. 563-572.
 - V. Sapienza, G. Margani et Al, "VVITA Project - Sustainable and inclusive development of strategies to vitalize villages through innovative architecture technologies", *Proceedings of the "4th Biennial of Architectural and Urban Restoration (BRAU4)"*, 15–30 April 2018, CICOP Italia, pp. 955-966.
 - L. Floriano, M. Liuzzo, G. Margani, "Geometry and construction techniques of late-Baroque domes in central-eastern Sicily", *Proceedings of the "4th Biennial of Architectural and Urban Restoration (BRAU4)"*, 15–30 April 2018, CICOP Italia, pp. 691-701.
 - E.S. Georgescu, M.S. Georgescu, Z. Macri, E.M. Marino, G. Margani, V. Meita, R. Pana, H. Petran, P.P. Rossi, V. Sapienza, M. Voica, "Seismic and energy renovation. Comparison between the design approach in Italy and in Romania", in G. Margani, G. Rodonò, V. Sapienza, *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, Edicom Edizioni, Monfalcone 2018, pp. 205-220.
 - P. La Greca, G. Margani, "Seismic and energy renovation measures for sustainable cities: a critical analysis of the Italian scenario", in G. Margani, G. Rodonò, V. Sapienza, *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, Edicom Edizioni, Monfalcone 2018, pp. 93-105.
 - A.M. Gueli, M. Liuzzo, G. Margani, et al., "Chronology of the Roman Baths of "Indirizzo" in Catania (Sicily)", *IMEKO International Conference on Metrology for Archaeology and Cultural Heritage* (Torino, Italy, October 19-21 2016), Torino 2016.
 - G. Evola, G. Margani, "Case unifamiliari a energia quasi zero in clima mediterraneo: criteri progettuali", in A. Guida, A. Pagliuca, *Colloqui.AT.e 2016. Mater(i)a*, Gangemi Ed., Roma 2016, pp. 331-340.
 - G. Margani, "Strategie d'incentivazione per la riqualificazione sismico-energetica", in A. Guida, A. Pagliuca, *Colloqui.AT.e 2016. Mater(i)a*, Gangemi Ed., Roma 2016, pp. 977-986.
 - G. Evola, G. Margani, L. Marletta, F. Spatola, "Retrofit interventions with integrated PV-façades: Energy and economic scenarios for apartment buildings in Italy", in AA.VV., *Advanced Building Skins*, *proceedings of the 10th Conference on Advanced Building Skins* (Bern, November 3-4, 2015), Economic Forum, Munich 2015, pp. 1101-1111.
 - G. Evola, G. Margani, "Energy retrofit towards net ZEB. Application of BIPV on an apartment block in southern Italy", in F. Madeo, M.A. Schnabel, *ACROSS: Architectural Research through to Practice*, *proceedings of the 48th International Conference of the Architectural Science Association (ANZAScA - Genoa, December 10-13, 2014)*, The Architectural Science Association & Genova University Press, Genova 2014, pp. 5015-516
 - C. Cecere, G. Margani et Al., "Involucri captanti automatizzati/Automated collecting building envelopes", in AA.VV., *ICT, Automation and Industry of the Built Environment: from the Information Exchange to the Field Management. ITC per la Produzione Edilizia*, Maggioli Editore, Milano 2013, pp. 340-357.
 - C. Cecere, G. Margani et Al., "Active building envelopes: An integrated solution for solar cooling and heating", in *Sustainable Architecture for a Renewable Future*, *proceedings of PLEA 2013 Munich* (September 10-12, 2013), Fraunhofer IRB Verlag, Munich 2013.
 - G. Caruso, G. Evola, G. Margani, L. Marletta, "Design standards for residential N-ZEBs in mild Mediterranean climate", *International Conference on Renewable Energies and Power Quality (ICREPQ'13, Bilbao, 20-22.3. 2013)*, in *Renewable Energy & Power Quality Journal*, vol. 11, March 2013, pp. 1-6.
 - R. Caponetto, G. Margani et Al., "L'apparecchiatura tecnico-costruttiva della chiesa di S. Nicolò l'Arena (CT)", in *L'approccio multidisciplinare allo studio e alla valorizzazione dei Beni Culturali*, *Atti del Workshop CRIBeCuM*, Siracusa 28-29 ottobre 2005, Aracne Ed., Roma 2006, p. 169.
 - S.O. Troja, G. Margani et Al., "Datazione TL della chiesa di Santa Domenica", in B. Dal Bianco et Al. (a cura di), *L'Archeometria in Italia: scienza per i beni culturali*, *Atti del III Congresso Nazionale AIAR*, Bressanone, 11-12 febbraio 2004, Cluep Ed., Padova 2004, p. 129.
 - S.O. Troja, G. Margani et Al., "Datazione mediante luminescenza stimolata della Cuba Bizantina di Malvagna", *Atti del LXXXVI Congresso Nazionale Società Italiana di Fisica*, Palermo, 6-11 ottobre 2000, p. 72.
 - G. Margani, "La residenza verso il terzo millennio", in F. Polverino, F. Ribera (a cura di), *Quale architettura per la residenza del terzo millennio?*, *Atti del convegno internazionale*, Napoli, 8-9 ottobre

Other scientific articles

1999, vol. I, Luciano Ed., Napoli 1999, pp. 152-161.

- F. Forgia, G. Margani, L. Marletta, "Use of ventilated envelopes in building retrofitting" (Vantaggi economico-prestazionali delle facciate ventilate negli interventi di recupero), in Environmentally Friendly Cities, Proceedings of PLEA 98, Lisbon 1998, pp. 337-340.
- A. Artino, G. Evola, G. Margani, E.M. Marino, "Use of Autoclaved Aerated Concrete Walls for Deep Building Renovation", in AAC worldwide, vol. 1, 2022.
- C. Tardo, F. Boggian, G. Evola, G. Margani, E.M. Marino, Edoardo Michele, R. Tomasi, "Progetto e-SAFE: riqualificazione sismica ed energetica mediante pannelli prefabbricati in legno", in INGENIO, 2021, pp.1-4.
- G. Margani, G. Rodonò, V. Sapienza, "Seismic and Energy Renovation for Sustainable Cities Conference", in Tecnica e Ricostruzione, Organo ufficiale dell'Ordine degli Ingegneri della Provincia di Catania, a. LXVII, luglio 2018, Catania 2018, pp. 50-52.
- G. Caruso, G. Evola, G. Margani, "Il recladding di un edificio pubblico in clima mediterraneo", Costruire in laterizio, vol. 161, Il Sole 24 Ore, Milano 2015, pp. 56-62.
- G. Caruso, G. Evola, G. Margani, "Progettare un net ZEB in clima mediterraneo", in Costruire in laterizio, vol. 155, Il Sole 24 Ore, Milano 2013, pp. 52-58 (ISSN 0394-1590), and in INGENIO, n. 21, 2013.
- I. Calì, R. Caponetto, G. Margani et Al., "Palazzo Gualtieri", in L. Milano, C. Morisi et Al., L'università e la ricerca per l'Abruzzo. Il patrimonio culturale dopo il terremoto del 6 aprile 2009, Textus Ed., L'Aquila 2011, pp. 321-325.
- G. Margani, "L'edificio passivo nel clima mediterraneo", in L'industria dei laterizi, vol. 126, Il Sole 24 Ore Business Media, Milano 2010, pp. 357-360 and in Costruire in laterizio, vol. 141, Il Sole 24 Ore, Milano 2011, pp. 46-49.
- G. Margani, "Murature massive e comfort sostenibile in clima mediterraneo", in Costruire in laterizio, vol. 137, Il Sole 24 Ore, Milano 2010, pp. 65-71 (ISSN 0394-1590) and in L'industria dei laterizi, vol. 123, Il Sole 24 Ore Business Media, Milano 2010, pp. 151-158.
- G. Margani, "Murature massive in laterizio: risparmio energetico e comfort termico", in Youtrade, n. 14, Organo ufficiale Associazione ACAL, Virginia Gambino Ed., Milano 2010, pp. 90-93.
- G. Margani, "Murature massive in laterizio nei paesi mediterranei. Riflessioni su risparmio energetico e comfort ambientale", in Ingegneri, vol. 8-9, Maggioli Ed., Santarcangelo di Romagna 2010, pp. 22-23.
- C. Cavallaro, G. Evola, G. Margani, "Ponti termici in clima mediterraneo. Eliminarli conviene?", in L'industria dei laterizi, vol. 125, Il Sole 24 Ore Business Media, Milano 2010, pp. 265-270 and in Costruire in laterizio, vol. 139, Il Sole 24 Ore, Milano 2011, pp. 44-48.
- I. Calì, R. Caponetto, G. Margani et Al., "Palazzo Gualtieri", in Il giornale dell'arte, vol. 291, Umberto Allemandi & C., Torino 2009, pp. 151-158.
- S. Cascone, G. Margani, F. Settimo, "Gli impianti termali romani in Sicilia", in Tecnica e Ricostruzione, Organo ufficiale dell'Ordine degli Ingegneri della Provincia di Catania, a. LXIII, gennaio-aprile 2008, Catania 2008, pp. 25-34.
- G. Margani, "Il centro cittadino", in L'architettura – Cronaca e Storia, a. L, n. 581, Roma, marzo 2004, p. 214.

PERSONAL SKILLS

Mother tongue Italian

Other languages

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

29th August 2023

