



## PERSONAL INFORMATION

<b>Name</b>	Pietro Meriggi
<b>Profession</b>	Civil Engineer – Researcher/Assistant Professor
<b>Nationality</b>	Italian
<b>Date of birth</b>	23/11/1992
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## RESEARCH INTERESTS AND EXPERTISE

Experimental [1-6,26-29]\* and numerical [7,8,21-22,24] research in rehabilitation of structures, seismic engineering [1-8,22,24-25], and safety assessment of structures [1-13]; Structural performance of the built/architectural heritage [1-8,22,24-25]; Development of innovative and sustainable strengthening materials [6]; Seismic assessment and retrofitting of masonry structures with externally bonded mortar-based composites (FRCM/TRM [1-4,26,29] and CRM [5,6]); Laboratory and field testing of traditional and innovative materials [14-20,26,29] and of full-scale structural members (both unreinforced and reinforced) under static and dynamic/seismic loading [1-6]; Digital Image Correlation for displacement/strain measurement in laboratory tests [19-20]; Analytical modelling of masonry constructions strengthened with mortar-based composites [9-11,23]; Development of rules for the design of masonry structures retrofitted with FRCM/TRMs [9-12,23]; Distinct Element modelling (DEM) of masonry structures [7,8,22,24]; Surveying, monitoring, modelling of existing structures and infrastructures through photogrammetry/aero-photogrammetry and image processing [22,24,27-28]; Bridge inspection and assessment [25,28]; Digital Concrete.

\*See the list of publications at the end of the CV

## WORK EXPERIENCE

### Research

- Jul. 2022 – Present** Researcher/Assistant Professor in Structural Engineering (Tecnica delle Costruzioni - SSD ICAR/09) Department of Engineering of Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)
- Apr. 2021 – June 2022** Postdoctoral researcher in Structural Engineering Department of Engineering of Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)  
*Research assistant within the research projects titled “Guidelines for the design of FRCM strengthening systems” (Apr. – June 2021) and “STAND - Assessment and analysis of tunnelling-induced damage to the historical-architectural heritage” (Jul. 2021 – June 2022).*
- Nov. 2019;** Visiting Ph.D. Student in Civil Engineering  
**Jan. – Mar. 2020**
- Institut Français des Sciences Technologies des Transports de l'Aménagement et des Réseaux (IFSTTAR) – Cité Descartes, 14, BD Newton, 77420 Champs sur Marne (Paris, France)  
*3D printing of concrete structures: development of new strengthening techniques; mortar-based composites for the strengthening of digital concrete structures (Jan. – Mar. 2020).*
  - Laboratoire des Matériaux Composites pour la Construction (LMC2) – Université Claude Bernard Lyon 1, Francia  
*Shear-compression tests on full scale irregular-stone masonry panels reinforced with FRCM systems (Nov. 2019).*
- Nov. 2017 – Apr. 2021** Ph.D. Student in Civil Engineering Department of Engineering of Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)  
*Research activity on rehabilitation of masonry structures: FRCM systems for the strengthening of masonry.*
- Apr. – Oct. 2017;** Research consultant  
**Dec. 2018;** Department of Engineering of Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)  
**Sept. – Oct. 2020;** 2022: *Systematisation of research results related to the design of the strengthening of masonry vaults with inorganic matrix composite materials (starting 1 April, duration 1 month);* 2020: *Technical and scientific assistance for the execution of experimental tests for the mechanical characterization of mortar-based composites;* 2018: *Technical and scientific assistance for the execution of in-situ testing of masonry vaults strengthened with composite materials;* 2017: *Technical and scientific assistance for the development of guidelines for the design of masonry structures, under seismic load, strengthened with FRCM/TRM systems.*  
**Apr. 2022**

### Professional activity

Support to design activities in the field of rehabilitation of structures, related to safety verification of existing buildings, with reference to: seismic vulnerability of school buildings<sup>(a)</sup>, structural survey and assessment of monumental and civil buildings, and structural upgrade of architectural heritage<sup>(b)</sup>. The most important works include: Leopoldo Franchetti primary school, San Giuseppe dei Falegnami al Foro Romano Church, Viale Mazzini 6 - residential complex, and the Church of SS. Biagio e Carlo ai Catinari in Roma, in Rome (Italy). These activities included structural and crack pattern survey with traditional and latest techniques (such as, aero-photogrammetry with drones), numerical modelling of structural members, static verification calculations, and design of strengthening interventions with innovative technologies (e.g., mortar-based externally bonded composites).

<sup>(a),(b)</sup>See the CV section “Participation in research projects and agreements”

## EDUCATION, PROFESSIONAL LICENCES AND AWARDS

### Education

- Nov. 2017 – Apr. 2021** Ph.D. in Civil Engineering (European label)
- *Specialization field: Rehabilitation of masonry structures and seismic preservation of the built heritage*
  - *Title of the thesis: “Fabric Reinforced Cementitious Matrix systems for the strengthening of masonry: experimental investigation and design rules”, 27 April 2021, Tutors: Prof. G. de Felice, Doc. S. De Santis*
  - *Awards: Federbeton – ACI Italy Chapter Award 2020 - best PhD Thesis 2018-2020 on “Innovation in Concrete Structures and Cementitious Materials”*
- Oct. 2014 – Mar. 2017** Master's Degree in Civil Engineering for the Protection of Territory from Natural Risks Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)

- *Specialization field: Structures and Seismic Risk*
  - *Mark: 110/110 cum Laude*
  - *Title of the thesis: "Distinct Element modelling of the out-of-plane seismic behaviour of masonry walls", 22 March 2017, supervisor Prof. G. de Felice, field of rehabilitation of masonry structures and preservation of the cultural heritage*
- Oct. 2011 – Oct.2014** Bachelor's Degree in Civil Engineering  
Roma Tre University – Via Vito Volterra 62, 00146 Rome (Italy)
- *Mark: 110/110 cum Laude*
  - *Title of the thesis: "Accessibility to the new stadium of Rome", 24 October 2014, supervisor Prof. S. Carrese, field of transportation engineering*
- Sept. 2006 – Jul. 2011** High School Diploma in Scientific Studies  
High School in Science Education "Farnesina" – Via dei Giuochi Istmici 64, 00135 Rome (Italy)
- *Mark: 100/100*

### Professional Licences

- Jan. 2018 – Present** Licence to the professional activity of Civil and Environmental Engineer (5 October 2017, 1<sup>st</sup> Session – Roma Tre University, Department of Engineering) and Enrolment in the Board of Engineers of Rome, Section A (Civil and Environmental Engineering) at n. 37129 (8 January 2018)

### Scholarships and awards

- Sept. 2022** Winner of the grant "*Contributi premiali per i ricercatori e assegnisti di ricerca per rafforzare la condizione professionale e potenziare il sistema della ricerca del Lazio*" funded by Programma Fondo Sociale Europeo Plus (FSE+)
- Nov. 2021** Federbeton – ACI Italy Chapter Award 2020: best PhD Thesis 2018-2020 on "Innovation in Concrete Structures and Cementitious Materials" (4<sup>th</sup> edition)
- Nov. 2017 – Dec. 2020** 3-year Ph.D. scholarship
- Oct. 2014 – Oct. 2015** University fees exemption as merit student

### CONFERENCES, SEMINARS AND MEETINGS

- Nov. 2021** *ACI-Italy Chapter - Innovation in Concrete Structures and Cementitious Materials 2020 – 4<sup>th</sup> Edition, MADE Expo Milan 2021 - Milan, Italy – 24 November 2021. Invited speaker. Presentation of the PhD Thesis, awarded as best PhD Thesis 2018-2020 on "Innovation in Concrete Structures and Cementitious Materials" by Federbeton and ACI-Italy Chapter.*
- Nov. 2021** *2<sup>nd</sup> fib Italy YMG Symposium - Rome, Italy – 18-19 November 2021. Oral presentation of the paper "Direct shear tests on fabric reinforced cementitious matrix composites without substrate" – Meriggi P., Fares S., Fugger R., Ricci M.*
- May 2021** *Research Seminar Programme - Concrete and Earthquake Engineering Group - Civil and Structural Department of the University of Sheffield (UK) - Sheffield, U.K. – 7 May 2021. Invited speaker. Online presentation of the PhD Thesis.*
- Jul. 2020** *2<sup>nd</sup> RILEM International Conference on Concrete and Digital Fabrication - Digital Concrete 2020 – Eindhoven, Netherlands - 6-9 July 2020. Participation in the online conference.*
- Oct. 2019** *1<sup>st</sup> fib Italy YMG Symposium - Parma, Italy – 15 October 2019. Oral presentation of the paper "Durability of Steel Reinforced Grout systems subjected to freezing-and-thawing conditioning" – Meriggi P., de Felice G., De Santis S., Morganti M., Roscini F.*
- June 2019** *6<sup>th</sup> International Conference on mechanics of masonry structures strengthened with composite materials – MuRiCO6 - Bologna, Italy – 26-28 June 2019. Author of the paper "Shake table tests on a masonry structure retrofitted with composite reinforced mortar" - De Santis S., de Felice G., Di Noia G.L., Meriggi P., Volpe M.*
- Jul. 2018** *9<sup>th</sup> International Conference on FRP Composites in Civil Engineering (CICE2018) - Paris, France – 17-19 July 2018. Oral presentation of the paper "Design of the out-of-plane strengthening of masonry walls with textile reinforced mortar composites" – De Santis S., Bellini A., de Felice G., Mazzotti C., Meriggi P.*
- Jan. 2018** *Rilem TC250-CSM: 10<sup>th</sup> meeting in Rome – Guide to Design and Construction of Externally Bonded FRCM Systems for Repair and Strengthening Masonry Structures - Rome, Italy – 18-19 January 2018. Organization of the meeting and oral presentation on "Strengthening of masonry structures with FRCM composites: Field application examples"*

### COURSES AND TRAININGS

- Sept. 2022;** *International Summer School on Historic Masonry Structures*
- Sept. 2021;** *Anagni, Italy – September 2021 and 2022 (Teaching assistance), Subiaco, Italy – 17-30 June 2018 (Scholar)*
- June 2018** *90 hours, Proff. M. Angellillo, G. de Felice, S. Huerta, J. Ochsendorf, P. Block, M. DeJong. Università degli Studi di Salerno, Universidad Politécnica de Madrid, Università degli Studi Roma Tre, Massachusetts Institute of Technology, ETH Zurich, Brandenburgische Technische Universität Cottbus-Senftenberg. <https://www.himass.org>*
- Apr. 2021** *1-day training course with certificate on the use of MTS Landmark 100kN Universal Testing Machine. MTS Italy S.r.l.*
- Jan. – Mar. 2020** *French language course – session "intermédiaire" B1 (22 hours). Paris-Est University, Paris, France*
- Oct. – Dec. 2018** *Numerical and Statistical Methods for Civil Engineering. Roma Tre University, Rome, Italy. 54 hours, Prof. G. Bellotti*
- May 2018** *Electrical aspects related to laboratory measurements in the field of civil engineering  
Roma Tre University, Rome, Italy. 36 hours, Ing. M. La Rosa*
- Sept. 2017** *Short Course on Computational methods for the seismic assessment of structures  
Roma Tre University, Rome, Italy. 36 hours, Proff. Paolacci, F., Fragiadakis, M., and L. Di Sarno*

### COMMITTEES, PROJECTS, REVIEW AND TEACHING

#### Participation in scientific technical committees and international research groups

- RILEM TC 250-CSM (2012-2019) – Composites for Sustainable Strengthening of Masonry. *Related works: [12, 14, 15]\*\**
- ACI 549-0L Liaison Subcommittee – Design and Construction of Externally Bonded Fabric Reinforced Cementitious Matrix (FRCM) and Steel Reinforced Grout (SRG) Systems for Repair and Strengthening Masonry Structures (2017–2019). Contributor to the document ACI 549.6R-20, Farmington Hills, MI, USA, November 2020. *Related works: [12]*
- RILEM TC 292-MCC – Mechanical Characterization and Structural design of Textile Reinforced Concrete (2018-2024). *Related works: STAR report on TRC (ongoing)*
- Joint research activity between Roma Tre University and Lyon 1 University (2019–2021). Shear-compression tests on full scale irregular-stone masonry panels reinforced with FRCM systems, LMC2 Laboratory, Lyon-1 University – Lyon, France. *Role: Task leader. Related works: [3,4]*

#### Participation in research projects and agreements

- ReLUI WP14 – Regulatory contributions on innovative structural materials for sustainable construction. Task 14.2 – Use of non-metallic reinforcement in reinforced concrete structures. Funded by Department of Civil Protection (2022-2024). *Role: Team member. [22-24,29]*
- RIPARA – Integrated systems for the seismic retrofitting of architectural heritage. Funded by Regione Lazio (2022-2023). *Role: Team member. [22-24,29]*
- MLAZIO – An integrated methodology for the calculation of static and seismic risk of bridges and viaducts in Lazio region. Funded by Regione Lazio (2022-2023). *Role: WP leader. [25,28]*
- STAND – Assessment and analysis of tunnelling-induced damage to the historical-architectural heritage. Funded by Regione Lazio (2021-2023). *Role: Team member. [22,24]*

- SiCura – Sustainable technologies for the seismic protection of cultural heritage. Funded by Regione Lazio (2018-2020). *Role: Team member. Related works: [6,9,11,14,17,18]*
- SISMI – Technologies for the protection and reconstruction of historic centres in earthquake prone areas. Funded by Regione Lazio (2018-2019). *Role: Team member. Related works: [6,9,14]*
- ReLUIS WP14 – Normative contributions to innovative materials for the retrofitting of existing structures. Funded by Department of Civil Protection (2019-2021). *Role: Team member. Related works: [3,11,14,17,19,20]*
- ReLUIS Line 1: Masonry constructions. Line 6: innovative materials for the seismic retrofitting of existing structures. Funded by Department of Civil Protection (2014-2018). *Role: Team member. Related works: [7,8]*
- ITALY – USA Science and Technology Cooperation 2016-2018 – Composites with inorganic matrix for sustainable strengthening of architectural heritage. Funded by the Italian Ministry for Foreign Affairs. *Role: Team member. Related works: [2,5,7,8,9,16]*
- <sup>(a)</sup>Agreement between the First City Hall of Rome and the Department of Engineering of Roma Tre University for diagnostic and structural supplies related to the seismic vulnerability of school buildings. Funded by Comune di Roma (2018). *Role: Team member.*
- <sup>(b)</sup>Consulting and research agreement between the RTI headed by Carla Tomasi srl and the Department of Engineering of Roma Tre University for the preservation and the consolidation of the Church SS. Biagio e Carlo ai Catinari in Roma (2021-2022). *Role: Team member.*

*\*\*See the list of publications at the end of the CV*

### Review, teaching and supervision activity

- Reviewer of International Scientific Journals: Engineering Structures (Elsevier), Buildings (mdpi)
- Subject expert in the SSD ICAR/09 courses (Building Technology/Tecnica delle costruzioni) and member of the examination committee within undergraduate and postgraduate courses of Steel and Reinforced Concrete Structures (Tecnica delle Costruzioni), Design of Structures (Progetto di Strutture), Earthquake Engineering (Costruzioni in Zona Sismica) and Rehabilitation of Structures (Riabilitazione delle Strutture) (2017-Present)
- Lecturer of the course "Sustainable structural design and retrofitting" - Master's Degree in Sustainable Coastal and Ocean Engineering - Roma Tre University, Department of Engineering – 54 hours, 6 CFU (Sept. 2022-Present)
- Teaching assistant within "Earthquake Engineering" course - Master's Degree in Civil Engineering for the Protection of Territory from Natural Risks - Roma Tre University, Department of Engineering – 72 hours, 9 CFU (Nov. 2017-June 2022)
- Assistant supervisor of 15 MSc Theses at the Department of Engineering of Roma Tre University
- Invited Young Teacher at the International Summer School on Historic Masonry Structures – 90 hours - <https://www.himass.org> (2021-Present)
- Member of the Organizing Committee of the International Project Week (IPW) European Programme (May 2018-Present).  
*Learning on how civil engineering is performed in European countries; Creation of networks among European engineering students; Visits of Building sites. Member Universities: Université Claude Bernard Lyon 1, Edinburgh Napier Univ., Technical University of Denmark, Hogeschool van Amsterdam Univ., Latvia University of Agriculture – Institute of Education, Roma Tre University. Edition attended: Copenhagen 2018, Rome 2018 (IPW-Light), Edinburgh 2019.*

### PERSONAL SKILLS AND COMPETENCES

#### Language skills

- Italian – mother tongue
- English – reading: fluent, writing: fluent, speaking: fluent
- French – reading: fluent, writing: good, speaking: fluent

#### Computer skills

- OS: Windows
- Daily use of all the SWs of MS-OFFICE
- Other SWs: AutoCAD, SAP2000, UDEC, MathCad, SeismoSignal, Agisoft Metashape
- Programming skills in the following languages: Matlab, Mathematica

#### Other skills

- Sports: Futsal (ASD Real Mattei futsal club player), tennis and padel
- Hobbies: Staying with friends, travelling, fishing, aquariums, music and drones

#### Licence(s)

- Driving licence B; Nautical license (within 12M)
- RPA-drone Pilot licence A1/A3 (Non-critical operations)
- Bridge inspector – Level 1 and 2 (RINA certification)

### PUBLICATIONS AND WORKS

#### Overview

- International Journal papers: 8 (*almost all peer-reviewed and Scopus indexed*); Conference papers: 18 (*all peer-reviewed and Scopus indexed*); Other documents: 1 design guideline, 1 contribution to a volume, 1 PhD Thesis.
- Citations: 136 (*source: Scopus, as at: 22 December 2022*)
- Citations/publications: 8.5 (*Scopus, as at: 22 December 2022*)
- H-index: 5 (*source: Scopus, as at: 22 December 2022*)
- Total I-Factor: 18.7 (at: 22 December 2022)
- I-Factor/publications: 3.1 (at: 22 December 2022)

#### Papers and documents

1. Meriggi P. Fabric Reinforced Cementitious Matrix systems for the strengthening of masonry: experimental investigation and design rules. PhD Thesis. Roma Tre University, April 2021.
2. De Santis S., De Canio G., de Felice G., Meriggi P., Roselli I., 2019, Out-of-plane seismic retrofitting of masonry walls with Textile Reinforced Mortar composites, Bull Earth Eng, 17(11), 6265-6300. DOI: 10.1007/s10518-019-00701-5.
3. Meriggi P., Caggegi C., Gabor A., de Felice G., 2022, Shear-compression tests on stone masonry walls strengthened with basalt Textile Reinforced Mortar (TRM), Constr Build Mat, 316:125804. DOI:10.1016/j.conbuildmat.2021.125804.
4. Caggegi C., Gabor A., Meriggi P., de Felice G., 2021, Experimental response of rubble stone masonry walls retrofitted with basalt textile reinforced mortar under compressive-and-shear load, Proc MuRiCo 7, Key Eng Mat.
5. De Santis S., de Felice G., Di Noia G.L., Meriggi P., Volpe M., 2019, Shake table tests on a masonry structure retrofitted with composite reinforced mortar, Proc MuRiCo 6, Key Eng Mat, 817, 342-349. DOI:10.4028/www.scientific.net/KEM.817.342.
6. De Santis S., Alshawa O., De Canio G., Forliti S., Liberatore D., Meriggi P., Roselli I., Sorrentino L., de Felice G., 2021, Design of Shake Table Tests of Multi-Leaf Masonry Walls Before and After Retrofitting, Proc 12<sup>th</sup> SAHC 2020, Barcelona, 29-30 Sept and 1 Oct. DOI: 10.23967/sahc.2021.075.
7. Meriggi P., Pantò B., De Santis S., Mordanova A., de Felice G., 2019, Distinct element modelling of the out-of-plane seismic behaviour of masonry walls, Proc 11<sup>th</sup> SAHC 2018 – RILEM Bookseries, 18, 1364-1371. DOI:10.1007/978-3-319-99441-3\_146.
8. Meriggi P., de Felice G., De Santis S., Gobbin F., Mordanova A., Pantò B., 2019, Distinct element modelling of masonry walls under out-of-plane seismic loading, 11<sup>th</sup> SAHC 2018 S.I., Int J Arch Her, 13(7), 1110-1123. DOI:10.1080/15583058.2019.1615152.
9. Meriggi P., de Felice G., De Santis S., 2020, Design of the out-of-plane strengthening of masonry walls with fabric reinforced cementitious matrix composites, Const Build Mat, 240:117946. DOI:10.1016/j.conbuildmat.2019.117946.
10. De Santis S., Bellini A., de Felice G., Mazzotti C., Meriggi P., 2018, Design of the out-of-plane strengthening of masonry walls with Textile Reinforced Mortar composites, Proc 9<sup>th</sup> CICE 2018, Paris 17-19 July.
11. Meriggi P., De Santis S., Fares S., de Felice G., 2021, Design of the shear strengthening of masonry walls with fabric reinforced cementitious matrix, Constr Build Mat, 279:122452. DOI:10.1016/j.conbuildmat.2021.122452.
12. ACI 549.6R-20: Guide to Design and Construction of Externally Bonded Fabric Reinforced Cementitious Matrix (FRCM) and Steel Reinforced Grout (SRG) Systems for Repair and Strengthening Masonry Structures. Farmington Hills, MI, USA, Nov. 2020. ISBN: 978-1-64195-120-3.
13. ACI-IC and Federbeton: Innovation in Concrete Structures and Cementitious Materials - 2020. Editors Proff. L. Coppola and P. Gambarova. ISBN: 9788894364538.
14. de Felice G., D'Antino T., De Santis S., Meriggi P., Roscini F., 2020, Lessons learned on the tensile and bond behavior of fabric reinforced cementitious matrix (FRCM) composites, Front Built Env, 6:5. DOI:10.3389/fbuil.2020.00005.
15. de Felice G., De Santis S., Meriggi P., An Overview of The Tensile and Bond Behavior of Fabric Reinforced Cementitious Matrix (FRCM) Composites, ACI Symposium, 345, 207-220. ISSN:01932527, ISBN:978-164195133-3.
16. Meriggi P., de Felice G., De Santis S., Morganti M., Roscini F., 2019, Durability of Steel Reinforced Grout systems subjected to freezing-and-thawing conditioning, Proc 1<sup>st</sup> fib Italy YMG Symposium, Parma 15 Oct. ISSN: 2617-4820, ISBN: 978-2-940643-03-5.

17. De Santis S., Meriggi P., de Felice G., 2020, Durability of steel reinforced grout composites, Proc 17<sup>th</sup> IB<sup>2</sup>MaC 2020, Kraków 5-8 July. DOI: <https://doi.org/10.1201/9781003098508>.
18. Roscini F., De Santis S., Meriggi P., de Felice G., 2021, Overview of the Mechanical Properties of Steel Reinforced Grout Systems for Structural Retrofitting, Proc 12<sup>th</sup> SAHC 2020, Barcelona, 29-30 Sept and 1 Oct. DOI:10.23967/sahc.2021.183.
19. Meriggi P., Fares S., Fugger R., Ricci M., 2021, Direct shear tests on fabric reinforced cementitious matrix composites without substrate, Proc 2<sup>nd</sup> fib Italy YMG Symposium, Rome 18-19 Nov. ISSN: 2617-4820, ISBN: 978-2-940643-13-4.
20. Fugger R., Fares S., Meriggi P., Nerilli F., Marfia S., Sacco E., 2021, Testing of fabric reinforced cementitious matrix in shear without substrate, Proc MuRiCo 7, Key Eng Mat.
21. Paris V., Damiani N., Sousamli M., Ehrenbach I., Lorello M., Nettis A., Montanino A., Meriggi P., 2022, TRADITIONAL TOOLS AND MODERN TECHNOLOGIES FOR THE ANALYSIS OF MASONRY STRUCTURES: the case of the Church of Saint Andrea in Anagni, Structural 241. ISSN 2282-3794. DOI 10.12917/STRU241.12.
22. Meriggi P., De Santis S., Fugger R., Yanez Chura R., de Felice G., 2022, Distinct element modelling of the seismic response of historical masonry constructions: insight on the out-of-plane collapse of façades, Proc. 8th ECCOMAS congress, Oslo 5-9 June. DOI: 10.23967/eccomas.2022.095.
23. De Santis S., Meriggi P., Fares S., de Felice G., 2022, Design relationships for the strengthening of masonry walls with mortar-based composites, Proc. 8th ECCOMAS congress, Oslo 5-9 June. DOI: 10.23967/eccomas.2022.095.
24. de Felice G., Choueri C., Meriggi P., Yanez Chura R., 2022, Integrated digital survey and seismic assessment of churches through Distinct Element Modelling: the case study of S. Maria Maggiore in Tuscania, XIX ANIDIS conference, Turin 11-15 Sept. *Under publication*.
25. Paolacci F., de Felice G., Quinci G., Meriggi P., 2022, A regional model for classifying, managing, evaluating, and monitoring the seismic safety of bridge structures: the MLAZIO project, XIX ANIDIS conference, Turin 11-15 Sept. *Under publication*.
26. Fugger R., Fares S., Meriggi P., Nerilli F., Marfia S., Sacco E., de Felice G., 2022, Experimental investigation of FRCM under shear loading, XIX ANIDIS conference, Turin 11-15 Sept. *Under publication*.
27. Sangirardi M., De Santis S., Altomare V., Meriggi P., de Felice G., 2022, Structural health monitoring of an elevated water tank through a computer vision approach, XIX ANIDIS conference, Turin 11-15 Sept. *Under publication*.
28. Quinci G., Gagliardi V., Pallante L., Manalo D.R.J., Napolitano A., Bertolini L., Bianchini Ciampoli L., Meriggi P., D'Amico F., Paolacci F., 2022, A Novel Bridge Monitoring System Implementing Ground-based, Structural and Remote Sensing Information into a GIS-based Catalogue, Proc. SPIE 12268, Earth Resources and Environmental Remote Sensing/GIS Applications XIII, 122680H (26 October 2022); doi: 10.1117/12.2637913.
29. Meriggi P., Fares S., Fugger R., Marfia S., Nerilli F., Sacco E., de Felice G., Shear mechanisms in Fabric-Reinforced Cementitious Matrix Overlays: Experimental and Numerical Investigation, Journal of Composites for Construction. Under review.

*I authorize the use of my personal data (DL 196/2003: "Code concerning the protection of personal data"). Aware that false statements are punishable under the Criminal Code and the special laws on the subject, I declare that the present document constitutes declaration in lieu of certification and affidavit (DPR n.445/2000 art. 19,46,47).*

Rome, 22 December 2022

Pietro Meriggi

