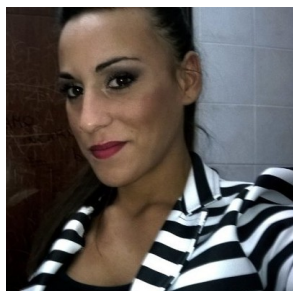


## PERSONAL INFORMATION


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## CURRENT POSITION

**Structural Engineer and Ph.D Student in Civil, Environmental and Materials Engineering**

RESEARCH PROJECTS  
PARTICIPATION

January 2021 – September 2022	Accordo tecnico di attuazione tra Reluis e Dipartimento Pubblica Sicurezza con Dipartimento di Ingegneria.
May 2021 – December 2022	Convenzione Reluis da Accordo CSLLPP_ReLUIS_Atтуazione DM578/2020.

## EDUCATION

November 2019 – Present **Ph.D Student in Civil, Environmental and Materials Engineering.** **Level 8**  
**QEQ**

UNIVERSITY OF PALERMO (ITALY)  
Engineering Department  
Viale delle Scienze, Ed.8, 90128, Palermo.

**TOPIC** Advances on the mechanical constitutive characterization of Fabric Reinforced Cementitious Matrix materials for structural retrofitting of existing buildings.

**ADVISORS** Prof. Lidia La Mendola, Prof. Giovanni Minafò, Prof. Catherine Papanicolaou.

2018 – 2019 **MS Degree in Building Engineering.** **Level 7 QEQ**

UNIVERSITY OF PALERMO (ITALY)

**Dissertation Title** Modellazione numerica del comportamento a trazione di compositi FRCM per il rinforzo strutturale.

**ADVISORS** Prof. Lidia La Mendola, Prof. Giovanni Minafò, Eng./Prof. Alessia Monaco, Eng. Jennifer D'Anna.

**Vote** 110/110 & LAUDE

2012 – 2016 **BS Degree in Building Engineering** **Level 6 QEQ**

UNIVERSITY OF PALERMO (ITALY)

**Dissertation Title** La modellazione dei legami di interfaccia per gli elementi strutturali composti in acciaio-calcestruzzo.

**ADVISORS** Prof. Liborio Cavaleri, Eng. Marco Filippo Ferrotto.

**Vote** 107/110

## MEMBERSHIP

January 2022 – December 2022 **S.M.ASCE American Society of Civil Engineers**

## CONFERENCE SPEAKER

2021 **MURICO 7 Mechanics Of Masonry Structures Strengthened With Composite Materials**

In remote

## BIBLIOMETRIC PARAMETERS

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## PUBBLICATIONS

### International Journals

- Minafò, G., **Oddo, M. C.**, and La Mendola, L. (2022). Formulation of a truss element for modelling the tensile response of FRCM strips. *Construction and Building Materials*, 315, 125576.
- Minafò, G., La Mendola, L., and **Oddo, M. C.** (2022). A Numerical Study to Predict the Mechanical Response of FRCM Composites. In *Key Engineering Materials* (Vol. 916, pp. 230-238). Trans Tech Publications Ltd.
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- La Mendola, L., **Oddo, M. C.**, Papia, M., Pappalardo, F., Pennisi, A., Bertagnoli, G., ... and Barile, S. (2021). Performance of two innovative stress sensors imbedded in mortar joints of new masonry elements. *Construction and Building Materials*, 297, 123764.
- **Oddo, M. C.**, Minafò, G., and La Mendola, L. (2021). Constitutive Models for the Tensile Behaviour of TRM Materials: Literature Review and Experimental Verification. *Materials*, 14(3), 700.
- Minafò, G., **Oddo, M. C.**, Cucchiara, C., and La Mendola, L. (2020). Effect of corner over-reinforcing strips on the compressive behaviour of TRM confined masonry columns. *Materials and Structures*, 53(4), 1-14.
- Monaco, A., Minafò, G., D'Anna, J., **Oddo, M. C.**, and La Mendola, L. (2020). Constitutive numerical model of FRCM strips under traction. *Frontiers in Built Environment*, 6, 60.
- Monaco, A., D'Anna, J., **Oddo, M. C.**, Minafò, G., and La Mendola, L. (2019). Numerical modelling of the tensile behaviour of BFRM strips. In *Key Engineering Materials* (Vol. 817, pp. 15-22). Trans Tech Publications Ltd.

### National and International Conference Proceedings

- Minafò, G., **Oddo, M. C.**, Monaco, A., D'Anna, J., Cucchiara, C. (2019). A numerical study on the effect of the interface material model on the tensile behaviour of FRCM strips. *ANIDIS 2019 - XVIII Convegno, Ascoli Piceno, 15-19 settembre 2019*.
- La Mendola, L., **Oddo, M. C.**, Papia, M., Pappalardo, F., Pennisi, A., Bertagnoli, G., Di Trapani, F., Monaco, A.; Parisi, F. Barile, S. (2021). Experimental testing of two novel stress sensors for SHM of masonry structures. *International Conference on Structural Analysis of Historical Constructions (SAHC 2020)*. Online, 29-30 September and 1 October 2021.