

**Allegato alla domanda di partecipazione
Curriculum formativo, didattico, scientifico e professionale del candidato**

Dichiarazione sostitutiva di certificazioni

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)

(Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	codice selezione 63A_20 - D.R. n° 607/2020 del 03/07/2020
Informazioni aggiornate al	22.07.2020
Nome e Cognome	Mario Lucio Puppio
Data di nascita	06/09/1985

Esperienza di ricerca

Periodo	Ente	Principali attività e responsabilità
Jan. 2018 – Sept. 2020	Department of Energy, Systems, Territory and Construction Engineering (DESTeC) -University of Pisa.	Post PhD Research Grant – PRIN2015 “ <i>Mitigating the Impacts of natural hazards on Cultural Heritage sites, structures and artefacts</i> ” (MICHe) - (DESTeC), University of Pisa. (Reff. Prof. Mario De Stefano, Dr. Linda Giresini – R.S. U.R. Pisa). “Seismic vulnerability of strategic building in Rosignano (Livorno)” - Convention with the municipality of Rosignano. (Reff. Prof. Mauro Sassu, Dr. Linda Giresini).
Mar. - Oct. 2014	Department of Energy, Systems, Territory and Construction Engineering (DESTeC) -University of Pisa.	Research Grant "Analytical and numerical evaluations of seismic resistance with the editing of technical or scientific reports for energy and/or functional optimization - "Study grant held by University of Pisa (DESTeC), under the Research Project: "Seismic monitoring of upper secondary school buildings" financed by the Province of Lucca. Mar.-Sept. 2014, University of Pisa, Pisa (ITALY) - Ref. Prof. Mauro Sassu.

Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
10th May 2018	PhD, Thesis title: "Safety assessment and strengthening of short span bridges in case of extreme rainfalls"	Department of Energy, Systems, Territory and Construction Engineering (DESTeC) - University of Pisa.
01th October 2013	M.Sc. in Civil Engineering, Thesis title: "Structural rehabilitation of r.c. residential buildings throughout multibracing steel-glass frames"	Department of Energy, Systems, Territory and Construction Engineering (DESTeC) - University of Pisa.
07th July 2008	B.Sc. in Civil and Environmental Engineering, Thesis title: "Adjusting project of the intersection between Einaudi and Puccini avenues, in Lucca".	Department of Energy, Systems, Territory and Construction Engineering (DESTeC) - University of Pisa.

Pubblicazioni / Convegni

2020	1. Puppio M. L., Vagaggini E., Giresini L., Sassu M., “Large-scale survey method for the integrity of historical urban walls: application to the case of Volterra (Italy)”. Presented to the First Virtual European Conference of Fracture (VECF1) 29/06/2020 – 01/07/2020. Main Chair: Prof. Francesco Iacoviello. (to appear on the Special Issue of Procedia
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Structural Integrity – Elsevier).

2. Giresini L., Puppio M.L, Laccone F, Froli M., “*Experimental investigation of a passive control system for seismic response mitigation: mini Tribological ROCKing Seismic Isolation Device*”. (Submitted to Earthquake Engineering and Structural Dynamics, pending review)

3. Giresini L., Puppio, M.L., Taddei F., “*Experimental pull-out tests and design indications for strength anchors installed in masonry walls*” Accepted to Materials and Structures (MAAS), 13/07/2020.

2019

4. Puppio M. L., Giresini L., “*Estimation of tensile mechanical parameters on existing masonry through the analysis of the collapse of Volterra’s urban walls*”. Fracture and Structural Integrity, 49 (2019) 725-738; DOI: 10.3221/IGF-ESIS.49.65

5. Pucci A., Puppio M. L., Giresini L., Matos J. C., Sousa H. S., Sassu M. “*Sustainable safety evaluation of road network in case of extreme weather events*”. In proceeding of INCER2019 “1st International Conference of Engineering Risk”. April 3th - 5th 2019. Beirut (Libanon).

6. Pucci A., Sousa H. S., Puppio M. L., Giresini L., Matos J. C., Sassu M. “*Method for sustainable large-scale bridge survey*”, In proceeding of IABSE Symposium 2019 Guimarães. Towards a resilient Built Environment – Risk and Asset Management. March 27th -29th, 2019 Guimarães (Portugal). ISBN 978-3-85748-163-5

7. Puppio M.L., Ferrini M., “*Parametric analysis on external dissipative link system for seismic protection of low rise r.c. buildings*”, Fracture and Structural Integrity, Design of Civil Environmental Engineering, Vol 13 No 48 (2019), April 2019. DOI <https://doi.org/10.3221/IGF-ESIS.48.66>

2018

8. Puppio M. L., Giresini L., Doveri, F. Sassu, M., “*Structural irregularity, the analysis of two reinforced concrete (r.c.) buildings*”, Engineering Solid Mechanics 7 (2019) 13-34, December 2018. DOI: 10.5267/j.esm.2018.12.002

9. Puppio M.L., Novelli S., Sassu M. “*Failure evidences of reduced span bridges in case of extreme rainfalls the case of Livorno*”. Frattura ed Integrità Strutturale 12(46), pp. 190-202. 46 (2016) 190-202; DOI: 10.3221/IGF-ESIS.46.18

2017

10. Puppio M.L., Pellegrino M., Giresini L., Sassu M., “*Effect of material variability and mechanical eccentricity on the seismic vulnerability assessment of r.c. structures*”, Buildings (2017), 7, 66; doi:10.3390/buildings7030066).

11. Sassu M., Puppio M.L., Mannari E., “*Seismic reinforcement of a r.c. school structure with strength irregularities throughout external bracing walls*”, Buildings (2017), 7, 58; doi:10.3390/buildings7030058.

12. Sassu M., Giresini L., Puppio M.L., “*Failure scenarios of small bridges in case of extreme rainstorms*” Sustainable and Resilient Infrastructure, Volume 2, 2017 - Issue 3. 108-116. DOI: 10.1080/23789689.2017.1301696.

13. Bonannini E., Cinotti M., Puppio M. L., Sassu M., “*Seismic response of a stock of social housings in Tuscany (Italy)*”. ATLANTIS PRESS (2017) Advances in Engineering Research (AER), volume 102, 285-291. Second International Conference on Mechanics, Materials and Structural Engineering (ICMMSE 2017).

14. Awad V., Giresini L., Koshihara M., Puppio M.L., Sassu M., “*Experimental Analyses and Numerical Models of CLT Sbear Walls Under Cyclic Loading*”, chapter 11, "Wood in Civil Engineering", book edited by Giovanna Concu, 223-240, ISBN 978-953-51-2986-8, Print ISBN 978-953-51-2985-1, Published: March 1, 2017

	15. Sassu M., Giresini L., Bonannini E., Puppio M.L., “ <i>On the Use of Vibro-Compressed Units with Bio-Natural Aggregate</i> ”. Buildings, 6(3) (2017), 40; doi: 10.3390/buildings6030040.
2016	16. Giresini L., Lourenco P.B., Sassu M., Puppio M.L., “Rocking and kinematic analysis of two masonry church façades”. Proc. of X Int. Conf. on Structural Analysis of Historical Constructions – SAHC 2016, Leuven (Belgium), September 13th-15th 2016. ISBN: 9781138029514 - DOI: 10.1201/9781315616995-177. 17. Sassu M., De Falco A., Giresini L., Puppio M.L. “ <i>Structural Solutions for Low-Cost Bamboo Frames: Experimental Tests and Constructive Assessments.</i> ” MATERIALS (2016), vol. 9; p. 346-365, ISSN: 1996-1944, doi: 10.3390/ma9050346. www.mdpi.com/journal/materials 18. Giresini L., Puppio M.L., Sassu M. (2016). “ <i>Collapse of corrugated metal culvert in Northern Sardinia: analysis and numerical simulations.</i> ” Int. J. of Forensic Engineering 2016 - Vol. 3, No.1/2 pp. 69 - 85. DOI: 10.1504/IJFE.2016.075991. ISSN: 1744-9944.
2015	19. Sassu M., Andreini M., De Falco A., Giresini L., Puppio M. L. “ <i>Structural protection after landslide phenomena: a case study in Northern Italy</i> ”. In: Civil Engineering and Urban Planning IV, Proceedings of the 4th International Conference on Civil Engineering and Urban Planning, Beijing, China, 25-27 July 2015, Edited by Yuan-Ming Liu, Dong Fu, Zhen-Xin Tong, Zhi-Qing Bao, and Bin Tang, CRC Press 2016, Pages 241–246, Print ISBN: 978-1-138-02903-3, eBook ISBN: 978-1-315-64515-5, DOI: 10.1201/b19880-45. 20. Giresini L., Puppio M. L., Sassu M. (2015). “ <i>Analysis of seismic risk on existing dams. Part I: an example of masonry structure.</i> ” In: Proceeding of the 4th ICEEP (International Conference on Energy and Environmental Protection) June, 3rd-4th 2015, Shenzhen, China. Shenzhen, China, 03/06/2015-04/06/2015, Lancaster (Pennsylvania): DEStech Publications, p. 728-732, ISBN/ISSN: 978-1-60595-264-2 21. Puppio M., Giresini L., Sassu M. (2015). “ <i>Analysis of seismic risk on existing dams. Part II: an example of concrete structure.</i> ” In: Proceedings of the 4th ICEEP (International Conference on Energy and Environmental Protection) June, 3rd-4th 2015, Shenzhen, China. Shenzhen, China, 03/06/2015-04/06/2015, Lancaster (Pennsylvania): DEStech Publications, p. 1786-1790, ISBN/ISSN: 978-1-60595-264-2
2014	22. A. De Falco, M. Froli, L. Giresini, M. L. Puppio, M. Sassu, “ <i>A proposal for the consolidation of an r.c. buildings by means of external hybrid steel-glass frameworks</i> ”, Advanced Mechanics and Materials Trans Tech publication, Switzerland (2014), ISBN/ISSN: 9783038352594, doi: 10.4028/www.scientific.net/AMM.638-640.3

Altre attività scientifiche

Apr. 2019	Chair in the Conference: “ <i>International Conference of Engineering Risk</i> ” – INCER2019. April 3th - 5th 2019 (Issue n°2). Presentation of the Paper “ <i>Sustainable safety evaluation of roads network in case of extreme weather events</i> ”. Faculty of Engineering, Lebanese University, Campus Rafic Hariri, Hadat, Beirut - Ref. Fadi Hage Chehade (Main Chair). Beirut (Lebanon).
Mar. 2019	Seminar. <i>BIM for the structures. Advantages and operativity.</i> Ref. Mario Lucio Puppio. http://www.ing.unipi.it/it/bacheca/conferenze-e-seminari/304-il-bim-per-le-strutture-vantaggi-e-operativita
May 2018	Seminar. <i>Safety assessment and strengthening of short span bridges in case of extreme rainfalls.</i> Polytechnic of Milan, Milan, 2018 (Ref. Prof. Fabio Biondini).

June 2017	Seminar. <i>BIM Design. Technical code and applicative scenarios. Introduction to Revit Architecture</i> . Ref. Mario Lucio Puppio. http://www.ing.unipi.it/it/bacheca/in-evidenza/255-la-progettazione-in-bim-scenari-normativi-ed-applicativi-introduzione-a-revit-architecture-30-31-maggio-2017
March 2017	Invited lesson in <i>Traditional and innovative Approaches in Seismic Design</i> TIASD, Pisa (Italy), 2017 (2 nd edition).
March 2016	Invited lesson in <i>Traditional and innovative Approaches in Seismic Design</i> TIASD, Munich (Germany) 2016 (1 st edition).

Pisa, 23/09/2020