

MARIANO ANGELO ZANINI - PUBLICATIONS

A. International Peer-Reviewed Journals

- A1. Zanini M.A., Pellegrino C., Morbin R., Modena C. (2013) *Seismic vulnerability of bridges in transport networks subjected to environmental deterioration*. Bulletin of Earthquake Engineering, 11(2): 561-579. ISSN: 1570-761X (print version) ISSN: 1573-1456 (electronic version), DOI: 10.1007/s10518-012-9400-9.
- A2. Carturan F., Zanini M.A., Pellegrino C., Modena C. (2014) *A unified framework for earthquake risk assessment of transportation networks and gross regional product*. Bulletin of Earthquake Engineering, 12(2): 795-806. ISSN: 1570-761X (print version) ISSN: 1573-1456 (electronic version), DOI: 10.1007/s10518-013-9530-8.
- A3. Pellegrino C., Zanini M.A., Zampieri P., Modena C. (2015) *Contribution of in situ and laboratory investigations for assessing seismic vulnerability of existing bridges*. Structure and Infrastructure Engineering, 11(9): 1147-1162. ISSN: 1573-2479, DOI: 10.1080/15732479.2014.938661.
- A4. Modena C., Tecchio G., Pellegrino C., da Porto F., Donà M., Zampieri P., Zanini M.A. (2015) *Reinforced concrete and masonry arch bridges in seismic areas: typical deficiencies and retrofitting strategies*. Structure and Infrastructure Engineering, 11(4): 415-442. ISSN: 1573-2479, DOI: 10.1080/15732479.2014.951859.
- A5. Morbin R., Zanini M.A., Pellegrino C., Zhang H., Modena C. (2015) *A probabilistic strategy for seismic assessment and FRP retrofitting of existing bridges*. Bulletin of Earthquake Engineering, 13(8): 2411-2428. ISSN: 1570-761X (print version) ISSN: 1573-1456 (electronic version), DOI: 10.1007/s10518-015-9725-2.
- A6. Zampieri P., Zanini M.A., Modena C. (2015) *Simplified seismic assessment of multi-span masonry arch bridges*. Bulletin of Earthquake Engineering, 13(9): 2629-2646. ISSN: 1570-761X (print version), ISSN: 1573-1456 (electronic version), DOI: 10.1007/s10518-015-9733-2.
- A7. Pellegrino C., Zanini M.A., Faleschini F., Corain L. (2015) *Predicting bond formulations for prestressed concrete elements*. Engineering Structures, 97: 105-117. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2015.04.013.
- A8. Faleschini F., Zanini M.A., Brunelli K., Pellegrino C. (2015) *Valorization of co-combustion fly ash in concrete production*. Materials and Design, 85: 687-694. ISSN: 0264-1275, DOI: 10.1016/j.matdes.2015.07.079.
- A9. Faleschini F., Fernandez-Ruiz A.M., Zanini M.A., Brunelli K., Hernandez-Montes E., Pellegrino C. (2015) *High performance concrete with electric arc furnace slag as aggregate: mechanical and durability properties*. Construction and Building Materials, 101: 113-121. ISSN: 0950-0618, DOI: 10.1016/j.conbuildmat.2015.10.022.
- A10. Faleschini F., Brunelli K., Zanini M.A., Dabalà M., Pellegrino C. (2016) *Electric Arc Furnace slag as coarse recycled aggregate for concrete production*. Journal of Sustainable Metallurgy, 2(1): 44-50. ISSN: 2199-3823 (print version), ISSN: 2199-3831 (electronic version), DOI: 10.1007/s40831-015-0029-1.
- A11. Zanini M.A., Faleschini F., Pellegrino C. (2016) *Cost analysis for maintenance and seismic retrofit of existing bridges*. Structure and Infrastructure Engineering, 12(11): 1411-1427. ISSN: 1573-2479, DOI: 10.1080/15732479.2015.1133661.

- A12. Faleschini F., Zanini M.A., Pasinato S., Pellegrino C. (2016) *Sustainable management and supply of natural and recycled aggregates in a medium-size integrated plant*. Waste Management, 49: 146-155. ISSN: 0956-053X, DOI: 10.1016/j.wasman.2016.01.013.
- A13. Zampieri P., Zanini M.A., Faleschini F. (2016) *Influence of damage on the seismic failure analysis of masonry arches*. Construction and Building Materials, 119: 343-355. ISSN: 0950-0618, DOI: 10.1016/j.conbuildmat.2016.05.024.
- A14. Zampieri P., Zanini M.A., Faleschini F. (2016) *Derivation of analytical seismic fragility functions for common masonry bridge types: methodology and application to real cases*. Engineering Failure Analysis, 68: 275-291. ISSN: 1350-6307, DOI: 10.1016/j.engfailanal.2016.05.031.
- A15. Zanini M.A., Hofer L., Faleschini F., Zampieri P., Fabris N., Pellegrino C. (2016) *Preliminary macroseismic survey of the 2016 Amatrice seismic sequence*. Annals of Geophysics, 59(5), 6. ISSN: 1593-5213, DOI: 10.4401/ag-7172.
- A16. Hofer L., Zanini M.A., Faleschini F. (2016) *Analysis of the 2016 Amatrice macroseismic data*. Annals of Geophysics, 59(5), 10. ISSN: 1593-5213, DOI: 10.4401/ag-7208.
- A17. Zanini M.A., Faleschini F., Pellegrino C. (2017) *Bridge residual service-life prediction through Bayesian visual inspection and data updating*. Structure and Infrastructure Engineering, 13(7): 906-917. ISSN: 1573-2479, DOI: 10.1080/15732479.2016.1225311.
- A18. Zanini M.A., Faleschini F., Zampieri P., Pellegrino C., Gecchele G., Gastaldi M., Rossi R. (2017) *Post-quake urban road network functionality assessment for seismic emergency management in historical centers*. Structure and Infrastructure Engineering, 13(9): 1117-1129. ISSN: 1573-2479, DOI: 10.1080/15732479.2016.1244211.
- A19. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2017) *Building damage assessment after the Riviera del Brenta tornado, northeast Italy*. Natural Hazards, 86(3): 1247-1273. ISSN: 0921-030X (print version), ISSN: 1573-0840 (electronic version), DOI: 10.1007/s11069-017-2741-6.
- A20. Zanini M.A., Faleschini F., Pellegrino C. (2017) *Probabilistic seismic risk forecasting of aging bridge networks*. Engineering Structures, 136: 219-232. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2017.01.029.
- A21. Faleschini F., Hofer L., Zanini M.A., Dalla Benetta M., Pellegrino C. (2017) *Experimental behavior of beam-column joints made with EAF concrete under cyclic loading*. Engineering Structures, 139: 81-95. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2017.01.029.
- A22. Faleschini F., Santamaria A., Zanini M.A., San José J.T., Pellegrino C. (2017) *Bond between reinforcement bars and Electric Arc Furnace slag concrete*. Materials and Structures, 50:170, pp.13. ISSN: 1359-5997 (print version), ISSN: 1871-6873 (electronic version), DOI: 10.1617/s11527-017-1038-2.
- A23. Zampieri P., Zanini M.A., Faleschini F., Hofer L., Pellegrino C. (2017) *Failure analysis of masonry arch bridges subject to local pier scour*. Engineering Failure Analysis, 79: 371-384. ISSN: 1350-6307, DOI: 10.1016/j.engfailanal.2017.05.028.
- A24. Faleschini F., Zanini M.A., Hofer L., Zampieri P., Pellegrino C. (2017) *Sustainable management of demolition waste in post-quake recovery processes: The Italian experience*. International Journal of Disaster Risk Reduction, 24: 172-182. ISSN: 2212-4209, DOI: 10.1016/j.ijdr.2017.06.015.
- A25. Faleschini F., Bragolusi P., Zanini M.A., Zampieri P., Pellegrino C. (2017) *Experimental and numerical investigation on the cyclic behavior of RC beam-column joints with EAF slag concrete*. Engineering Structures, 152: 335-347. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2017.09.022.

- A26. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2017) *The influence of record selection in assessing uncertainty of failure rates*. *Ingegneria Sismica*, 34(4): 30-40. ISSN: 0393-1420.
- A27. Hofer L., Zanini M.A., Faleschini F., Pellegrino C. (2018) *Profitability analysis for assessing the optimal seismic retrofit strategy of industrial productive processes with business-interruption consequences*. *Journal of Structural Engineering – ASCE*, 144(2): 04017205. ISSN: 0733-9445 (print version), ISSN: 1943-541X (online version), DOI: 10.1061/(ASCE)ST.1943-541X.0001946.
- A28. Zampieri P., Faleschini F., Zanini M.A., Simoncello N. (2018) *Collapse mechanisms of masonry arches with settled springings*. *Engineering Structures*, 156: 363-374. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2017.11.048.
- A29. Hofer L., Zampieri P., Zanini M.A., Faleschini F., Pellegrino C. (2018) *Seismic damage survey and empirical fragility for churches after the August 24, 2016 Central Italy earthquake*. *Soil Dynamics and Earthquake Engineering*, 111: 98-109. ISSN: 0267-7261, DOI: 10.1016/j.soildyn.2018.02.013.
- A30. Faleschini F., Zanini M.A., Hofer L. (2018) *Reliability-based analysis of recycled aggregate concrete under carbonation*. *Advances in Civil Engineering*, Volume 2018: 4742372, 11pp. ISSN: 1687-8086 (print version), ISSN: 1687-8094 (online version), DOI: 10.1155/2018/4742372.
- A31. Prendergast L.J., Limongelli M.P., Ademovic N., Anzlin A., Gavin K., Zanini M.A. (2018) *Structural Health Monitoring for performance assessment of bridges under flooding and seismic actions*. *Structural Engineering International*, 28(3): 296-307. ISSN: 1016-8664 (print version), ISSN: 1683-0350 (online version), DOI: 10.1080/10168664.2018.1472534.
- A32. Zanini M.A., Hofer L., Pellegrino C. (2019) *A framework for assessing the seismic risk map of Italy and developing a sustainable risk reduction program*. *International Journal of Disaster Risk Reduction*, 33: 74-93. ISSN: 2212-4209, DOI: 10.1016/j.ijdrr.2017.06.015.
- A33. Faleschini F., Gonzalez-Libreros J., Zanini M.A., Hofer L., Sneed L.H., Pellegrino C. (2019) *Repair of severely damaged RC exterior beam-column joints with FRP and FRCM composites*. *Composite Structures*, 207: 352-363. ISSN: 0263-8223, DOI: 10.1016/j.compstruct.2018.09.059.
- A34. Zanini M.A., Hofer L., Faleschini F. (2019) *Reversible ground motion-to-intensity equations based on the EMS-98 scale*. *Engineering Structures*, 180: 310-320. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2018.11.032.
- A35. Zanini M.A., Faleschini F., Casas J.R. (2019) *State-of-research on performance indicators for bridge quality control and management*. *Frontiers in Built Environment – Bridge Engineering Section*, 5:22. ISSN: 2297-3362, DOI 10.3389/fbuil.2019.00022.
- A36. Zanini M.A. (2019) *Structural reliability of bridges realized with reinforced concretes containing electric arc furnace slag aggregates*. *Engineering Structures*, 188: 305-319. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2019.02.052.
- A37. Zanini M.A., Hofer L. (2019) *Center and Characteristic Seismic Reliability as new indexes for accounting uncertainties in seismic reliability analysis*. *Soil Dynamics and Earthquake Engineering*, 123: 110-123. ISSN: 0267-7261, DOI: 10.1016/j.soildyn.2019.04.028.
- A38. Zanini M.A., Hofer L., Faleschini F., Toska K., Pellegrino C. (2019) *The Municipal Expected Annual Loss as indicator at territorial level for the development of Seismic Risk Maps in Italy*. *Bollettino di Geofisica Teorica ed Applicata*, 60(2): 221-242. ISSN 0006-6729, DOI: 10.4430/bgta0262.

- A39. Zanini M.A., Hofer L., Toska K. (2019) *A semi-analytical formulation for accounting uncertainties of hazard parameters in structural seismic reliability analysis*. Engineering Structures, 192: 18-29. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2019.05.005.
- A40. Faleschini F., Zanini M.A., Toska K. (2019) *Seismic reliability assessment of code-conforming reinforced concrete buildings made with electric arc furnace slag aggregates*. Engineering Structures, 195: 324-339. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2019.05.083.
- A41. Gonzalez-Libreros J., Zanini M.A., Faleschini F., Pellegrino C. (2019) *Confinement of low-strength concrete with fiber reinforced cementitious matrix (FRCM) composites*. Composites: Part B, 177: 107407. ISSN: 1359-8368, DOI: 10.1016/j.compositesb.2019.107407.
- A42. Hofer L., Gardoni P., Zanini M.A. (2019) *Reliability-based CAT bond pricing considering parameter uncertainties*. Sustainable and Resilient Infrastructure. ISSN: 2378-9 (print version) ISSN: 2378-9697 (electronic version), DOI: 10.1080/23789689.2019.1667116.
- A43. Hofer L., Zanini M.A., Gardoni P. (2020) *Risk-based Catastrophe Bond design for a spatially distributed portfolio*. Structural Safety, 83: 101908. ISSN: 0167-4730, DOI: 10.1016/j.strusafe.2019.101908.
- A44. Argyroudis S.A., Mitoulis S.A., Hofer L., Zanini M.A., Tubaldi E., Frangopol D.M. (2020) *Resilience assessment framework for critical infrastructure in a multi-hazard environment: case study on transport assets*. Science of the Total Environment, 714: 136854. ISSN: 0048-9697, DOI: 10.1016/j.scitotenv.2020.136854.
- A45. Faleschini F., Zanini M.A., Hofer L., Pellegrino C. (2020) *Experimental behavior of reinforced concrete columns with carbon-FRCM composites*. Construction and Building Materials, 243: 118296. ISSN: 0950-0618, DOI: 10.1016/j.conbuildmat.2020.118296.
- A46. Faleschini F., Zanini M.A., Hofer L., Toska K., De Domenico D., Pellegrino C. (2020) *Confinement of reinforced concrete columns with glass fiber cementitious matrix jackets*. Engineering Structures, 218: 110847. ISSN: 0141-0296, DOI: 10.1016/j.engstruct.2020.110847.
- A47. Zanini M.A., Toska K., Faleschini F., Pellegrino C. (2020) *Seismic reliability of reinforced concrete bridges subject to environmental deterioration and strengthened with FRCM composites*. Soil Dynamics and Earthquake Engineering, 136: 106224. ISSN: 0267-7261, DOI: 10.1016/j.soildyn.2020.106224.
- A48. Toska K., Faleschini F., Zanini M.A., Hofer L., Pellegrino C. (2020) *Repair of severely damaged RC columns through FRCM composites*. Construction and Building Materials, (in press), ISSN: 0950-0618.

B. International Peer-Reviewed & Indexed Conferences

- B1. Tecchio G., Donà M., Casarin F., Islami K., Zanini M.A., Pellegrino C., Modena C. (2013) *Monitoring fatigue effects in an orthotropic steel bridge deck*. International IABSE Conference on Assessment, Upgrading and Refurbishment of Infrastructures, Rotterdam, The Netherlands, 6-8 May 2013, ISBN: 978-3-85748-123-9.
- B2. Morbin R., Faleschini F., Zanini M.A., Caldon M., Marchesini F. P., Maiorana E., Pellegrino C. (2014) *Improvement of dynamic behaviour of the Varesine-Garibaldi footbridge (Milan, Italy) with TMD*. Civil-Comp Proceedings, Vol. 106, Proceedings of the 12th International Conference on Computational Structures Technology CST2014, Naples, Italy, 2-5 September 2014, ISSN: 17593433.

- B3. Pellegrino C., Zanini M.A., Zampieri P., Modena C. (2014) *In-situ investigations for the seismic assessment of existing bridges*. Periodical of Key Engineering Materials: Structural Monitoring of ARTistic Historical BUILDing Testimonies, Vol. 628: 102-108. ISSN: 1662-9795, DOI: 10.4028/www.scientific.net/KEM.628.102.
- B4. Zampieri P., Zanini M.A., Zurlo R. (2014) *Seismic behaviour analysis of classes of masonry arch bridges*. Periodical of Key Engineering Materials: Structural Monitoring of ARTistic Historical BUILDing Testimonies, Vol. 628: 136-142. ISSN: 1662-9795, DOI: 10.4028/www.scientific.net/KEM.628.136.
- B5. Zanini M.A., Morbin R., Pellegrino C., Modena C. (2014) *Influence of relevant parameters on seismic vulnerability assessment of bridges*. 7th International Conference on Bridge Maintenance, Safety and Management IABMAS2014, Shanghai, China, 7-11 July 2014, ISBN: 978-1-138-00103-9.
- B6. Tecchio G., Caldon M., Marchesini F.P., Zanini M.A., Donà M., Pellegrino C., Modena C. (2014) *Fatigue cracks in orthotropic deck – a case study*. 7th International Conference on Bridge Maintenance, Safety and Management IABMAS2014, Shanghai, China, 7-11 July 2014, ISBN: 978-1-138-00103-9.
- B7. Morbin R., Pellegrino C., Zanini M.A., Modena C., Zhang H. (2014) *Probabilistic framework for seismic assessment of common existing RC bridge typologies*. 7th International Conference on Bridge Maintenance, Safety and Management IABMAS2014, Shanghai, China, 7-11 July 2014, ISBN: 978-1-138-00103-9.
- B8. Hadas Y., Rossi R., Gastaldi M., Pellegrino C., Zanini M.A., Modena C. (2015) *Optimal critical infrastructure retrofitting model for evacuation planning*. Transportation Research Procedia, 10: 714-724. ISSN: 2352-1465, DOI: 10.1016/j.trpro.2015.09.025.
- B9. Zanini M.A., Pellegrino C., Rossi R., Gastaldi M., Modena C. (2015) *A probabilistic approach in estimating optimal evacuation scenarios for seismic emergency management*. ICASP12, 12th International Conference on Applications of Statistics and Probability in Civil Engineering, Vancouver, Canada, 12-15 July 2015, ISBN: 978-0-88865-245-4.
- B10. Andreotti M., Zanini M.A., Mocellin P., Vianello C., Pellegrino C., Modena C., Maschio G. (2016) *Structural behaviour of multi-storey buildings subjected to internal explosions*. Chemical Engineering Transactions, 48: 421-426. ISSN: 2283-9216, DOI: 10.3303/CET1648071.
- B11. Zanini M.A., Faleschini F., Hofer L., Franchetti P., Pellegrino C. (2016) *Maintenance and seismic retrofit cost assessment of existing bridges*. 8th International Conference on Bridge Maintenance, Safety and Management IABMAS2016, Foz do Iguacu, Brazil, 26-30 June 2016, ISBN: 978-1-138-02851-7.
- B12. Zanini M.A., Faleschini F., Pellegrino C. (2016) *Seismic loss assessment of deteriorating bridge networks*. 8th International Conference on Bridge Maintenance, Safety and Management IABMAS2016, Foz do Iguacu, Brazil, 26-30 June 2016, ISBN: 978-1-138-02851-7.
- B13. Zanini M.A., Andreotti M., Mocellin P., Faleschini F., Vianello C., Pellegrino C., Maschio G., Modena C. (2016) *Numerical analysis of the structural response of RC-framed buildings subjected to internal explosions*. 16th International Brick and Block Masonry Conference, Padova, Italy, 26-30 June 2016, ISBN: 978-1-138-02999-6.
- B14. Vianello C., Zanini M.A., Pellegrino C., Maschio G. (2016) *Probabilistic fault tree analysis of refinery plant components subject to earthquake scenarios*. Chemical Engineering Transactions, 53: 97-102. ISSN: 2283-9216, DOI: 10.3303/CET1653017.

- B15. Zanini M.A., Vianello C., Faleschini F., Hofer L., Maschio G. (2016) *A framework for probabilistic seismic loss assessment of LNG distribution networks*. Chemical Engineering Transactions, 53: 163-168. ISSN: 2283-9216, DOI: 10.3303/CET1653028.
- B16. Zanini M.A., Faleschini F., Pellegrino C. (2016) *Bridge life-cycle prediction through visual inspection data updating*. 5th International Symposium on Life-Cycle Civil Engineering IALCEE2016, Delft, The Netherlands, 16-19 October 2016, ISBN: 978-1-138-02847-0.
- B17. Nahum O.E., Hadas Y., Zanini M.A., Pellegrino C., Rossi R., Gastaldi M. (2017) *Stochastic multi-objective evacuation model under managed and unmanaged policies*. Transportation Research Procedia, 27: 728-735. ISSN: 2352-1465, DOI: 10.1016/j.trpro.2017.12.156.
- B18. Hofer L., Zanini M.A., Faleschini F., Toska K., Pellegrino C. (2018) *Risk-based probabilistic seismic hazard analysis considering parameter uncertainties*. Proceedings of the 13th International Conference on Computational Structures Technology CST2018, Sitges, Barcelona, Spain, 4-6 September 2018.
- B19. Hofer L., Zanini M.A., Faleschini F., Pellegrino C. (2018) *Assessing economic risk for businesses subject to seismic events*. 6th International Symposium on Life-Cycle Civil Engineering IALCEE2016, Ghent, Belgium, 28-31 October 2018, ISBN: 978-1-138-62633-1.
- B20. Zanini M.A., Hofer L., Faleschini F., Toska K., Pellegrino C. (2019) *Seismic risk maps for the Italian residential building stock*. 7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 24-26 June 2019. Eccomas Procedia COMPDYN(2019): 5464-5477. ISSN: 2623-3347, DOI: 10.7712/120119.7318.19470.
- B21. Zanini M.A., Hofer L., Pellegrino C. (2019) *The use of seismic risk maps in the development of seismic risk reduction programs*. 7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 24-26 June 2019. Eccomas Procedia COMPDYN(2019): 5503-5511. ISSN: 2623-3347, DOI: 10.7712/120119.7322.19854.
- B22. Zanini M.A., Faleschini F., Toska K. (2019) *Seismic reliability of RC buildings made with EAF concretes*. 7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 24-26 June 2019. Eccomas Procedia COMPDYN(2019): 4079-4089. ISSN: 2623-3347, DOI: 10.7712/120119.7208.19855.
- B23. Hofer L., Zanini M.A. (2019) *The role of uncertainty of model parameters in PSHA*. 7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 24-26 June 2019. Eccomas Procedia COMPDYN(2019): 5527-5534. ISSN: 2623-3347, DOI: 10.7712/120119.7324.20862.
- B24. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2019) *Seismic reliability analysis: application to an existing single-span open-spandrel RC arch bridge*. 9th International Conference on Arch Bridges, Porto, Portugal, 2-4 October 2019, ISBN 978-3-030-29226-3.
- B25. Borgna G., Zanini M.A., Hofer L., Faleschini F., Matos J. (2019) *Structural reliability of masonry arch bridges subject to natural ageing*. 9th International Conference on Arch Bridges, Porto, Portugal, 2-4 October 2019, ISBN 978-3-030-29226-3.
- B26. Zanini M.A., De Stefani E., Faleschini F., Pellegrino C. (2019) *Structural reliability of RC elements with electric arc furnace slag as recycled aggregates*. 7th International Conference of Euro Asia Civil Engineering Forum – EACEF2019 – Green Engineering for Infrastructure and Safety against Hazards, 30 September - 2 October 2019. IOP Conf. Series: Science and Engineering 615 (2019) 012098, DOI: 10.1088/1757-899X/615/1/012098.

- B27. Pellegrino C., Faleschini F., Zanini M.A., Andreose F., Mancassola L., Frizzarin M. (2020) *Ambient vibration tests for modal characterization of an existing steel-concrete composite bridge*. International IABSE Symposium 2020 – Synergy of Culture and Civil Engineering, Wroclaw, Poland, 7-9 October 2020, ISBN: 978-3-85748-169-7.
- B28. Zanini M.A., Toska K., Feltrin G., Balbo S., Hofer L., Pellegrino C. (2020) *Seismic reliability analysis of a gravity-designed two-span open-spandrel reinforced concrete arch bridge*. International IABSE Symposium 2020 – Synergy of Culture and Civil Engineering, Wroclaw, Poland, 20-22 May 2020, ISBN: 978-3-85748-169-7.
- B29. Zanini M.A. (2020) *Structural reliability of bridges made with EAF concretes*. 15th International Conference on Durability of Building Materials and Components, Barcelona, Spain, 20-23 October 2020, ISBN 978-84-121101-8-0.
- B30. Faleschini F., Zanini M.A., Toska K. (2020) *Seismic performance of RC moment frame structures made with EAF slag aggregates*. 15th International Conference on Durability of Building Materials and Components, Barcelona, Spain, 20-23 October, ISBN 978-84-121101-8-0.

C. Book Chapters

- C1. Modena C., Tecchio G., Pellegrino C., da Porto F., Zanini M.A., Donà M. (2014) *Retrofitting and refurbishment of existing road bridges*. Maintenance and Safety of aging infrastructure, Eds. Frangopol D.M., Tsompanakis Y., Chapter book 17, CRC Press. ISBN: 978-0-415-65942-0 (Hbk), ISBN: 978-0-203-38628-6 (e-book), DOI: 10.1201/b17073-1. Structures and Infrastructures Series: ISSN: 1747-7735, Volume 10.
- C2. Hofer L., Gardoni P., Zanini M.A. (2018) *CAT bond pricing and coverage against natural hazards*. Routledge Handbook on Sustainable and Resilient Infrastructure, P. Gardoni Editor, Chapter book 44, Routledge International Handbooks, Oxford. P. 904, ISBN: 9781138306875.

D. National Journals

- D1. Zanini M.A., Faleschini F., Pellegrino C., Modena C. (2013) *Studio dell'evoluzione della vulnerabilità sismica*. Strade & Autostrade, 99: 44-47. EDI-CEM S.r.l. – ISSN: 1723-2155.
- D2. Faleschini F., Zanini M.A., Pellegrino C., D'Antino T. (2013) *Indagine sperimentale sul comportamento strutturale di pannelli multistrato con isolanti poliuretanic*. Poliuretano, Semestrare Nazionale di informazione sull'isolamento termico, Anno XXV, 18: 10. StudioEmme S.r.l. Editore, Aut.Trib.VI n. 598 del 7/6/88 - ROC n° 8184.
- D3. Faleschini F., Zanini M.A., Pellegrino C. (2013) *Il calcestruzzo riciclato con scorie di acciaieria*. Strade & Autostrade, 99: 85-88. EDI-CEM S.r.l. – ISSN: 1723-2155.
- D4. Pellegrino C., Zanini M.A., Zampieri P., Modena C. (2013) *L'utilizzo delle indagini in situ e in laboratorio per la valutazione della vulnerabilità sismica dei ponti esistenti*. Progettazione Sismica, 4(3): 67-81. ISSN: 1973-7432, DOI: 10.7414/PS.4.3.67-81.
- D5. Modena C., Pellegrino C., Tecchio G., Zanini M.A. (2014) *Problematiche delle opere d'arte nella riclassificazione delle linee ad Alta Velocità/Alta Capacità*. Trasporti e Cultura, 37: 21-25. Laura Facchinelli Editore, ISSN: 2280-3998.

- D6. Zanini M.A., Faleschini F., Pellegrino C., Modena C. (2014) *Br.I.N.S.E.: la valutazione della vulnerabilità sismica dei ponti*. *Strade & Autostrade*, 107: 72-75. EDI-CEM S.r.l. – ISSN: 1723-2155.
- D7. Zanini M.A., Rossi P., Hadas Y., Gastaldi M., Rossi R., Pellegrino C., Modena C. (2015) *La gestione dell'emergenza sismica in reti di trasporto urbano*. *Strade & Autostrade*, 109: 80-83. EDI-CEM S.r.l. – ISSN: 1723-2155.
- D8. Zanini M.A., Cester N., Faleschini F., Pellegrino C. (2015) *Un applicativo per il deterioramento di ponti*. *Strade & Autostrade*, 110: 72-75. EDI-CEM S.r.l. – ISSN: 1723-2155.
- D9. Zanini M.A., Faleschini F., Pellegrino C., Modena C. (2015) *La gestione delle verifiche post-sisma per le infrastrutture ferroviarie*. *Ingegneria Ferroviaria*, 9: 691-714. CIFI – Collegio Ingegneri Ferroviari Italiani, ISSN: 0020-0956.
- D10. Faleschini F., Zanini M.A., Zordan A., Pellegrino C., Pasinato S. (2016) *Eco-aggregati riciclati: performance meccaniche e sostenibilità ambientale*. *Strade & Autostrade*, 117: 70-74. EDI-CEM S.r.l. – ISSN: 1723-2155.

E. International Peer-Reviewed Conferences

- E1. Zanini M.A., Carturan F., Morbin R., Pellegrino C., Modena C. Carturan F. (2012) *Deterioration analysis and seismic retrofit of reinforced concrete bridges*. Multiphysics Numerical Modeling and Computational Strategies, Padova, Italy, 17-18 May 2012.
- E2. Zanini M.A., Pellegrino C., Modena C. (2013) *Rehabilitation and seismic retrofit of bridges subjected to reinforcement corrosion*. Rehabilitation and Restoration of Structures, Proceedings of an International Conference, Chennai, India, 12-16 February 2013, ISBN: 978-93-80689-10-4.
- E3. Zanini M.A., Faleschini F., Pellegrino C. (2015) *Research activities on performance indicators for bridge management at the University of Padova, Italy*. COST TU 1406 Meeting, Geneva, Switzerland, 21-22 September 2015.
- E4. Faleschini F., Zanini M.A., Pellegrino C. (2015) *New perspectives in the use of electric arc furnace slag as coarse aggregate for structural concrete*. 8th European Slag Conference, Linz, Austria, 21-23 October 2015.
- E5. Zanini M.A., Faleschini F., Fabris N., Pellegrino C. (2016) *Qualitative performance indicators for bridge management in Italy*. COST TU 1406 Meeting, Belgrade, Serbia, 30 March – 1 April 2016, ISBN: 978-86-7518-187-3.
- E6. Zanini M.A., Faleschini F., Morbin R., Gastaldi M., Rossi R., Pellegrino C., Modena C. (2016) *Interaction between building collapse and road serviceability during seismic emergency operations in urban centers*. *Applied Mechanics and Materials*, 847: 319-324. ISSN: 1662-7482, DOI: 10.4028/www.scientific.net/AMM.847.319.
- E7. Faleschini F., Zanini M.A., Brunelli K., Pellegrino C. (2016) *Use of electric arc furnace slag for high strength concrete production*. *Applied Mechanics and Materials*, 847: 537-543. ISSN: 1662-7482, DOI: 10.4028/www.scientific.net/AMM.847.537.
- E8. Rigato F., Zanini M.A., Bocchini P. (2016) *Time-series analysis for the calibration of causative models of spatially distributed infrastructure interdependencies in post-disaster recovery*. 1st International Workshop on Resilience, Turin, Italy, 20-22 September 2016.

- E9. Zanini M.A., Hofer L., Faleschini F., Zampieri P., Pellegrino C. (2016) *Performance goal assessment for existing bridges subject to pier local scour*. COST TU 1406 Meeting, Delft, The Netherlands, 20-21 October 2016, ISBN: 978-90-365-4325-5.
- E10. Ceccato R., Gastaldi M., Gecchele G., Diana M., Zanini M.A., Rossi R., Pellegrino C. (2017) *Road network vulnerability assessment. Post-quake demand modelling and accessibility variation*. 96th Transportation Research Meeting, Washington DC, US, 8-12 January 2017.
- E11. Zanini M.A., Faleschini F., Ademovic N., Prendergast L.J., Gavin K., Limongelli M.P. (2017) *Structural Health Monitoring and Design Code compliance for performance assessment of bridges under scour and seismic hazards*. COST TU 1406 Meeting, Zagreb, Croatia, 2-3 March 2017, ISBN: 978-953-8168-08-6.
- E12. Faleschini F., Zanini M.A., Hofer L., Pellegrino C. (2017) *Demolition waste management after recent Italian earthquakes*. 16th International Waste Management and Landfill Symposium SARDINIA2017, S. Margherita di Pula, Italy, 2-6 October, 2017, ISBN: 978-6265-010-6.
- E13. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2017) *Is tornado risk adequately perceived in Italy?* 6th International Workshop on Design in Civil and Environmental Engineering DCEE2017, Cagliari, Italy, November 9-11, 2017.
- E14. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2017) *The seismic risk map of Italy*. 6th International Workshop on Design in Civil and Environmental Engineering DCEE2017, Cagliari, Italy, November 9-11, 2017.
- E15. Zanini M.A., Casas J.R. (2017) *A cost-based quality control plan for a sustainable bridge maintenance scheduling*. COST TU 1406 Meeting, Riga, Latvia, 23-34 November 2017.
- E16. Zanini M.A., Faleschini F., Pellegrino C. (2018) *Prioritizing seismic retrofit interventions for ageing bridge portfolios*. COST TU 1406 Meeting, Wroclaw, Polonia, 1-2 March 2018.
- E17. Prendergast L.J., Ademovic N., Limongelli M.P., Gavin K., Zanini M.A., Faleschini F. (2018) *Monitoring-based performance parameters for assessment of bridges under scour and seismic hazards*. 16th European Conference on Earthquake Engineering (16ECEE), Thessaloniki, Greece, June 18-21, 2018.
- E18. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2018) *A seismic loss estimation framework for enterprises taking into account business interruption*. 16th European Conference on Earthquake Engineering (16ECEE), Thessaloniki, Greece, June 18-21, 2018.
- E19. Zanini M.A., Hofer L. (2018) *On reliability perception of seismic hazard estimates used in structural design*. 16th European Conference on Earthquake Engineering (16ECEE), Thessaloniki, Greece, June 18-21, 2018.
- E20. Hofer L., Gardoni P., Zanini M.A. (2018) *Risk-based catastrophe bond pricing*. International Federation for Information Processing, IFIP2018 Conference, WG5 - Reliability and Optimization of Structural Systems, Zurich, Switzerland, 26-29 June 2018, ISBN: 978-3-906916-56-9.
- E21. Faleschini F., Zanini M.A., Pellegrino C. (2018) *Quality control, infrastructure management systems and their implementation in medium-size highway networks*. COST TU 1406 Meeting, Barcelona, Spain, 26-27 September 2018 (Keynote lecture).
- E22. Fabris N., Faleschini F., Zanini M.A., Pellegrino C. (2018) *Assessment of influencing parameters on transmission length of prestressed concrete*. 12th fib International PhD-Symposium in Civil Engineering, Prague, Czech Republic, 29-31 August 2018, ISBN 978-80-01-06401-6.

- E23. Gonzalez-Libreros J., Faleschini F., Zanini M.A., Pellegrino C. (2019) *Effect of corner radius on the axial behavior of FRCM-confined concrete members*. 2nd International RILEM Conference on Sustainable Materials, Systems and Structures – SMSS2019, Rovinj, Croatia, 20-22 March 2019, ISBN 978-2-35158-217-6, Vol. 3 978-2-35158-225-1.
- E24. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2019) *Assessing uncertainty in the computation of seismic failure rates due to record-selection*. International IABSE Symposium 2019 - Towards a resilient built environment risk and asset management, Guimaraes, Portugal, 27-29 March 2019, ISBN: 978-3-85748-163-5.
- E25. Faleschini F., Zanini M.A., Hofer L. (2019) *Reliability analysis of carbonation for recycled aggregate concretes*. International IABSE Symposium 2019 - Towards a resilient built environment risk and asset management, Guimaraes, Portugal, 27-29 March 2019, ISBN: 978-3-85748-163-5.
- E26. Zampieri P., Zanini M.A., Faleschini F., Hofer L., Simoncello N., Pellegrino C. (2019) *Structural assessment of masonry arch bridges with settled supports*. International IABSE Symposium 2019 - Towards a resilient built environment risk and asset management, Guimaraes, Portugal, 27-29 March 2019, ISBN: 978-3-85748-163-5.
- E27. Zanini M.A., Feltrin G. (2021) Reliability-targeted behavior factor evaluation for code-conforming Italian RC bare and infilled buildings. 1st Croatian Conference on Earthquake Engineering CroCEE2021, Zagreb, Croatia, 22-24 March 2021.

F. National Peer-Reviewed Conferences

- F1. Carturan F., Zanini M.A., Morbin R., Pellegrino C. (2012) *A parametric study on the fragility of typical existing concrete bridges in seismic areas*. 1st OpenSeesDays Italia, Roma, 24-25 Maggio 2012.
- F2. Donà M., Tecchio G., Zanini M.A., Modena C. (2012) *Parametrical analyses for the DDBD method error estimation with OpenSees*. 1st OpenSeesDays Italia, Roma, 24-25 Maggio 2012.
- F3. Carturan F., Zanini M.A., Pellegrino C., Modena C. (2013) *Exploring the economic consequences of the risk induced by earthquakes in productive areas*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F4. Morbin R., Stievanin E., Zanini M.A., Pellegrino C., da Porto F., Modena C., Cimino C. (2013) *Analisi del danno e indagini strutturali in dieci edifici residenziali in c.a. a L’Aquila*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F5. Zanini M.A., Carturan F., Pellegrino C., Carrer M., Martin S., Bondesan A., Francese R., Busoni S. (2013) *Analisi stratigrafica nella zona di Spresiano (TV) e comparazione degli spettri di risposta*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F6. Morbin R., Zanini M.A., Pellegrino C., Modena C. (2013) *Procedura probabilistica per la valutazione di ponti danneggiati da un evento sismico*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F7. Zanini M.A., Righetto G., Pellegrino C. (2013) *Strategia per il miglioramento sismico di un edificio industriale sito in Padova*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.

- F8. Pellegrino C., Zanini M.A., Zampieri P., Modena C. (2013) *Il ruolo del livello di conoscenza nella verifica sismica di tipologie ricorrenti di ponti in c.a. e muratura*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F9. Zanini M.A., Faleschini F., Pellegrino C., Modena C. (2013) *Valutazione dell’evoluzione temporale della vulnerabilità sismica di cavalcavia autostradali soggetti a degrado*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F10. Zanini M.A., Dusi A., Tecchio G., Modena C. (2013) *Interventi di miglioramento sismico di edifici industriali prefabbricati con soluzioni strutturali alternative*. XV Convegno Nazionale ANIDIS – L’Ingegneria Sismica in Italia, Padova, 30 Giugno – 4 Luglio 2013, ISBN: 978-88-97385-59-2.
- F11. Morbin R., Zanini M.A., Faleschini F., Pellegrino C. (2014) *Automatic procedure for fragility assessment of common existing road bridge typologies*. 2nd OpenSees Days Italia, Fisciano, 10-11 Giugno 2015, ISBN: 978-88-98720-08-8.
- F12. Faleschini F., Zanini M.A., Morbin R., Pellegrino C. (2014) *Seismic vulnerability assessment of isolated bridges subjected to environmental deterioration*. 2nd OpenSees Days Italia, Fisciano, 10-11 Giugno 2015, ISBN: 978-88-98720-08-8.
- F13. Zanini M.A., Hofer L., Pellegrino C. (2015) *Le polizze assicurative come strumento finanziario per il trasferimento del rischio sismico: stato dell’arte*. XVI ANIDIS 2015 – L’Ingegneria Sismica in Italia, L’Aquila, 13-17 Settembre 2015, ISBN: 978-88-940985-6-3.
- F14. Hofer L., Zanini M.A., Pellegrino C. (2015) *Pericolosità ed esposizione a livello mondiale: elementi primari da considerare per l’adozione di politiche di trasferimento del rischio all’industria assicurativa*. XVI ANIDIS 2015 – L’Ingegneria Sismica in Italia, L’Aquila, 13-17 Settembre 2015, ISBN: 978-88-940985-6-3.
- F15. Zanini M.A., Faleschini F., Pellegrino C. (2015) *Statistical analysis of maintenance and seismic retrofit costs for existing bridges*. XVI ANIDIS 2015 – L’Ingegneria Sismica in Italia, L’Aquila, 13-17 Settembre 2015, ISBN: 978-88-940985-6-3.
- F16. Faleschini F., Zanini M.A., Bragolusi P., Pellegrino C. (2016) *Durability of Electric Arc Furnace slag concrete*. The New Boundaries of Structural Concrete 2016, Villa Orlandi, Capri Island, Italy, 29 September – 1 October 2016, ISBN: 978-88-98720-14-9.
- F17. Faleschini F., Zanini M.A., Pellegrino C. (2016) *Environmental impacts of recycled aggregate concrete*. Italian Concrete Days – Evolution and Sustainability of concrete structures, Roma, 27-28 Ottobre 2016, ISBN: 9788899916022.
- F18. Pellegrino C., Zanini M.A., Faleschini F., Hofer L. (2016) *Transmission length formulations for prestressed concrete elements*. Italian Concrete Days – Evolution and Sustainability of concrete structures, Roma, 27-28 Ottobre 2016, ISBN: 9788899916022.
- F19. Zanini M.A., Hofer L., Faleschini F., Zampieri P., Fabris N., Pellegrino C. (2016) *Evidences from the preliminary macroseismic survey of the August 24, 2016 Amatrice seismic sequence (Central Italy)*. 35° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Lecce, 22-24 Novembre 2016, ISBN: 978-88-940442-7-0.
- F20. Faleschini F., Gonzalez-Libreros J., Zanini M.A., Zampieri P., Pellegrino C. (2017) *Experimental behaviour of damaged RC beam-column joints repaired with FRP composites*. XVII ANIDIS 2017 – L’Ingegneria Sismica in Italia, L’Aquila, 17 – 21 Settembre 2017.

- F21. Zanini M.A., Hofer L. (2017) *La classificazione del rischio sismico per gli impianti produttivi: proposta di una procedura probabilistica per la stima delle perdite dirette e di business interruption*. XVII ANIDIS 2017 – L’Ingegneria Sismica in Italia, Pistoia, 17 – 21 Settembre 2017, ISBN 978-886741-8541.
- F22. Hofer L., Zanini M.A., Faleschini F., Pellegrino C. (2017) *L’analisi di profittabilità per l’identificazione dell’ottimale strategia di retrofit sismico per impianti produttivi suscettibili a business interruption*. XVII ANIDIS 2017 – L’Ingegneria Sismica in Italia, Pistoia, 17 – 21 Settembre 2017, ISBN 978-886741-8541.
- F23. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2017) *La perdita annua media comunale (PAMC): un indicatore economico per la definizione della mappa del rischio sismico in Italia*. 36° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Trieste, 13-16 Novembre 2017, ISBN: 978-88-940442-8-7.
- F24. Zanini M.A., Hofer L. (2017) *Sulla percezione dell’affidabilità delle stime di pericolosità sismica utilizzate nella progettazione delle strutture*. 36° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Trieste, 13-16 Novembre 2017, ISBN: 978-88-940442-8-7.
- F25. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2018) *Fattori di vulnerabilità per edifici residenziali soggetti a tornado*. 2° Seminario Tecnico di Ingegneria Forense, Villa Braida, Mogliano Veneto, 26-28 Settembre 2018. Il Giornale dell’Ingegnere, Quine Business Publisher.
- F26. Faleschini F., Santamaria A., Zanini M.A., Pellegrino C. (2018) *Bond between steel reinforcement and electric arc furnace slag concrete*. Italian Concrete Days – Giornate AICAP, Lecco, 13-15 Giugno 2018, ISBN: 978-88-99916-11-4.
- F27. Faleschini F., Zanini M.A., Hofer L., Pellegrino C. (2018) *Exterior RC beam-column joints made with recycled concrete: experimental behavior under lateral cyclic reversed loading*. Italian Concrete Days – Giornate AICAP, Lecco, 13-15 Giugno 2018, ISBN: 978-88-99916-11-4.
- F28. Zanini M.A., Hofer L., Fabris N., Faleschini F. (2018) *On the development of a correlation model between ground motion parameters and EMS98 intensity observations*. 37° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Bologna, 19-21 Novembre 2018, ISBN: 978-88-943717-2-7.
- F29. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2018) *Sulla costruzione della mappa di rischio sismico per l’Italia*. 37° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Bologna, 19-21 Novembre 2018, ISBN: 978-88-943717-2-7.
- F30. Zanini M.A., Hofer L., Pellegrino C. (2018) *L’utilizzo della mappa di rischio sismico nella valutazione della sostenibilità finanziaria di piani di riduzione del rischio sismico in Italia*. 37° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Bologna, 19-21 Novembre 2018, ISBN: 978-88-943717-2-7.
- F31. Frizzarin M., Faleschini F., Zanini M.A., Franchetti P., Pellegrino C. (2019) *Rilevazione sperimentale del livello di precompressione residua nelle travi in calcestruzzo armato preteso e posteso mediante prove non distruttive*. XVIII ANIDIS 2019 – L’Ingegneria Sismica in Italia, Ascoli Piceno, 15-19 Settembre 2019, ISBN 978-88-3339-256-1.
- F32. Faleschini F., Zanini M.A., Hofer L., Pellegrino C. (2019) *Confinement of reinforced concrete columns by means of carbon FRCM jackets*. XVIII ANIDIS 2019 – L’Ingegneria Sismica in Italia, Ascoli Piceno, 15-19 Settembre 2019, ISBN 978-88-3339-256-1.
- F33. Zanini M.A., Hofer L., Faleschini F., Toska K., Pellegrino C. (2019) *Una metodologia per lo sviluppo di mappe di rischio sismico per il patrimonio edilizio residenziale in Italia e la valutazione*

della sostenibilità finanziaria di piani di riduzione del rischio. XVIII ANIDIS 2019 – L’Ingegneria Sismica in Italia, Ascoli Piceno, 15-19 Settembre 2019, ISBN 978-88-3339-256-1.

- F34. Zanini M.A., Hofer L., Faleschini F., Pellegrino C. (2019) *Nuovi indici di affidabilità sismica in grado di considerare le incertezze epistemiche. XVIII ANIDIS 2019 – L’Ingegneria Sismica in Italia, Ascoli Piceno, 15-19 Settembre 2019, ISBN 978-88-3339-256-1.*
- F35. Zanini M.A., Hofer L., Faleschini F., Toska K., Pellegrino C. (2019) *La disaggregazione del rischio sismico alla scala territoriale sulla base dei risultati ottenuti dalla costruzione delle mappe di rischio sismico per l’Italia. 38° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Roma, 12-14 Novembre 2019.*
- F36. Zanini M.A., Feltrin G., Balbo S. (2019) *Il calcolo della Classe di Rischio Sismico per un edificio in calcestruzzo armato ordinario tramite l’uso di analisi dinamiche non lineari. 38° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Roma, 12-14 Novembre 2019.*
- F37. Zanini M.A., Hofer L., Faleschini F. (2019) *Nuove leggi di correlazione tra parametri di sintesi del moto sismico e osservazioni di intensità macrosismica attribuite con l’uso della Scala Macrosismica Europea EMS-98. 38° Convegno Nazionale GNGTS - Gruppo Nazionale di Geofisica della Terra Solida, Roma, 12-14 Novembre 2019.*