

CURRICULUM VITAE di:

Nominativo	Guido Camata

Posizione accademica

Macrosettore:	
Settore Concorsuale:	08/B3
Settore Scientifico Disciplinare:	ICAR/09
Qualifica:	Professore Associato
Anzianità nel ruolo:	3 anni
Sede Universitaria:	Università "G. D'Annunzio" di Chieti-Pescara
Struttura di afferenza (dipartimento o altro)	Ingegneria e geologia

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
2008-2017	Ricercatore	Università "G. D'Annunzio" di Chieti-Pescara

Pubblicazioni Scientifiche

n. progr.	anno	Descrizione pubblicazione
1	2023	Barbagallo, F., Di Domenico, M., Terrenzi, M., Cantagallo, C., Marino, E.M., Ricci, P., Verderame, G.M., Camata, G., Spacone, E. Influence of the modelling approach on the seismic assessment of RC structures by nonlinear static analyses (2023) Soil Dynamics and Earthquake Engineering, 172, art. no. 107970, https://www.scopus.com/inward/record.uri?eid=2-s2.0-

		85161297577&doi=10.1016%2fj.soildyn.2023.107970&partnerID=40&md DOI: 10.1016/j.soildyn.2023.10797
2	2023	Cross, T., De Luca, F., De Risi, R., Camata, G. & Petracca, M. 2023, "Micro-modelling of stone masonry template buildings as a strategy for seismic risk assessment in developing countries", Engineering Structures, vol. 274.
3	2023	Petracca M., Camata G., Spacone E., Pelà L. 2023 Efficient Constitutive Model for Continuous Micro-Modeling of Masonry Structures. International Journal of Architectural Heritage, 17 (1), pp. 134 – 146. DOI: 10.1080/15583058.2022.2124133 https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139150488&doi=10.1080%2f15583058.2022.2124133&partnerID=40&md5=bad748f89d20ea56ac133759edede8ab
4	2023	Boccagna R., Bottini M., Petracca M, Di Giorgio M., Amelio A., Camata G. (2023) Structural Health Monitoring and Uncertainties in Modeling and Damage Detection. 14th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP14 Dublin, Ireland, July 9-13.
5	2023	Boccagna R., Bottini M., Petracca M, Di Giorgio M., Amelio A., Camata G. (2023) Unsupervised Methods for Railway Bridge Structural Monitoring. 14th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP14 Dublin, Ireland, July 9-13.
6	2023	Boccagna, R., Bottini, M., Petracca, M., Amelio, A., Camata, G. Unsupervised Deep Learning for Structural Health Monitoring (2023) Big Data and Cognitive Computing, 7 (2), art. no. 99, https://www.scopus.com/inward/record.uri?eid=2-85163701129&doi=10.3390%2fbdcc7020099&partnerID=40&md5=02b81 DOI: 10.3390/bdcc702009
7	2023	Camata, G., Di Primio, A., Sepe, V., Cantagallo, C. The Effect of the Vertical Component of the Earthquake on a Regular Masonry Wall (2023) Applied Sciences (Switzerland), 13 (4), art. no. 2459, https://www.scopus.com/inward/record.uri?eid=2s2.085149300523&doi=10.3390%2fapp13042459&partnerID=40&md5=9635e DOI: 10.3390/app13042459
8	2023	Romanelli, F., Vaccari, F., Cantagallo, C., Camata, G., Panza, G.F. Physics-Based Approach to Define Energy-Based Seismic Input: Application to Selected Sites in Central Italy (2023) Lecture Notes in Civil Engineering, 236 LNCE, pp. 112-128. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164925660&doi=10.1007%2f978-3-031-36562-1_9&partnerID=40&md5 DOI: 10.1007/978-3-031-36562-1_9
9	2023	Di Michele, F., Spacone, E., Camata, G., Brando, G., Sextos, A., Crewe, A., Mylonakis, G., Diez, M., Dihoru, L., Varum, H. Shaking table test and numerical analyses of a full scale three-leaf masonry wall (2023) Bulletin of Earthquake Engineering, 21 (10), pp. 5041-5081. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161358717&doi=10.1007%2fs10518-023-01705-y&partnerID=40&md5 DOI: 10.1007/s10518-023-01705-y
10	2023	Di Trapani, F., Bogatkina, V., Di Benedetto, M., Sberna, A.P., Petracca, M., Camata, G. Simplified Evaluation of the Additional Shear Demand Due to Masonry Infills (2023) Lecture Notes in Civil Engineering, 326 LNCE, pp. 1-13. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161279009&doi=10.1007%2f978-3-031-30125-4_1&partnerID=40&md5 DOI: 10.1007/978-3-031-30125-4_1
11	2023	De Risi, M.T., Di Domenico, M., Manfredi, V., Terrenzi, M., Camata, G., Mollaioli, F., Noto, F., Ricci, P., Franchin, P., Masi, A., Spacone, E., Verderame, G.M. Modelling and Seismic Response Analysis of Italian Pre-Code and Low-Code Reinforced Concrete Buildings. Part I: Bare Frames (2023) Journal of Earthquake Engineering, 27 (6), pp. 1482-1513. https://www.scopus.com/inward/record.uri?eid=2-s2.0-

		85131095700&doi=10.1080%2f13632469.2022.2074919&partnerID=40&DOI: 10.1080/13632469.2022.2074919
12	2023	Di Domenico, M., De Risi, M.T., Manfredi, V., Terrenzi, M., Camata, G., Mollaioli, F., Noto, F., Ricci, P., Franchin, P., Masi, A., Spacone, E., Verderame, G.M. Modelling and Seismic Response Analysis of Italian Pre-Code and Low-Code Reinforced Concrete Buildings. Part II: Infilled Frames (2023) Journal of Earthquake Engineering, 27 (6), pp. 1534-1564. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126038808&doi=10.1080%2f13632469.2022.2086189&partnerID=40&DOI: 10.1080/13632469.2022.20861
13	2022	Terrenzi, M., Spacone, E. & Camata, G. 2022, "Engineering demand parameters for the definition of the collapse limit state for code-conforming reinforced concrete buildings", Engineering Structures, vol. 266
14	2022	Garcia-Ramonda, L., Pelà, L., Roca, P., Camata, G. 2022 Cyclic shear-compression testing of brick masonry walls repaired and retrofitted with basalt textile reinforced mortar, Composite Structures, 283, art. no. 115068 DOI: 10.1016/j.compstruct.2021.115068
15	2022	Garcia-Ramonda, L., Pelà, L., Roca, P., Camata, G. 2022 Experimental cyclic behaviour of shear masonry walls reinforced with single and double layered Steel Reinforced Grout, Construction and Building Materials, 320, art. no. 126053. DOI: 10.1016/j.conbuildmat.2021.126053
16	2022	Castellazzi, G., Pantò, B., Occhipinti, G., Talledo, D.A., Berto, L., Camata, G. 2022. A comparative study on a complex URM building: part II—issues on modelling and seismic analysis through continuum and discrete-macroelement models. Bulletin of Earthquake Engineering, 20 (4), pp. 2159-2185. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103966195&doi=10.1007%2fs10518-021-01147-4&partnerID=40&md5=45bfb5595c16b5c7bec9f5f028f20c9e . DOI: 10.1007/s10518-021-01147-4
17	2022	Cattari, S., Calderoni, B., Calì, I., Camata, G., de Miranda, S., Magenes, G., Milani, G., Saetta, A. (2022) Nonlinear modeling of the seismic response of masonry structures: critical review and open issues towards engineering practice. Bulletin of Earthquake Engineering, 20 (4), pp. 1939-1997. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103956831&doi=10.1007%2fs10518-021-01263-1&partnerID=40&md5=e6f24c2ba429a824d0246ef73e258706 . DOI: 10.1007/s10518-021-01263-1
18	2022	Camata, G., Marano, C., Sepe, V., Spacone, E., Siano, R., Petracca, M., Roca, P., Pelà, L. 2022 Validation of non-linear equivalent-frame models for irregular masonry walls (2022) Engineering Structures, 253, art. no. 113755. DOI: 10.1016/j.engstruct.2021.113755
19	2022	Alessia Amelio, Roberto Boccagna, Maurizio Bottini, Guido Camata, Nicola Germano, 2022. A disruptive strategy for structural health monitoring with STKO. 2nd Eurasian Conference on OpenSees, OpenSees Days 2022 Eurasia, Jul 2022, Turin, Italy
20	2022	Luca A., Alessia A., Roberto B., Bottini M., Camata G. 2022. A Self-Consistent Artificial Intelligence-Based Strategy for Structural Health Monitoring. Fifth International Conference on Railway Technology: Research, Development and Maintenance (RAILWAYS 2022), Aug 2022, Montpellier, France.
21	2022	Alessia A., Roberto B., Bottini M., Camata G., Germano N. 2022. Digital Twin: a Hybrid Approach for Structural Health Monitoring. Accepted to the Fifth International Conference on Railway Technology: Research, Development and Maintenance (RAILWAYS), Aug 2022, Montpellier, France.

22	2022	Camata, G., Di Primio, A., Sepe, V. THE ROLE OF THE EARTHQUAKE VERTICAL COMPONENT ON THE SEISMIC BEHAVIOUR OF MASONRY WALLS. RUOLO DELLA COMPONENTE VERTICALE DEL TERREMOTO SUL COMPORTAMENTO SISMICO DI PARETI IN MURATURA (2022) REHABEND, pp. 873-881
23	2022	Cucuzza, R., Domaneschi, M., Camata, G., Marano, G.C., Formisano, A., Brigante, D. FRM retrofitting techniques for masonry walls: a literature review and some laboratory tests (2022) Procedia Structural Integrity, 44, pp. 2190-2197. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159093728&doi=10.1016%2fj.prostr.2023.01.280&partnerID=40&md5=DOI:10.1016/j.prostr.2023.01.280
24	2022	Di Trapani, F., Bogatkina, V., Petracca, M., Camata, G. Evaluation of the additional shear demand due to frame-infill interaction: a new capacity model (2022) Procedia Structural Integrity, 44, pp. 496-503. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159050390&doi=10.1016%2fj.prostr.2023.01.065&partnerID=40&md5=DOI:10.1016/j.prostr.2023.01.065
25	2022	Garcia-Ramonda, L., Pelà, L., Roca, P., Camata, G. EXPERIMENTAL AND NUMERICAL ANALYSIS OF THE CYCLIC IN-PLANE BEHAVIOUR OF RETROFITTED MASONRY WALLS (2022) REHABEND, pp. 1962-1970
26	2022	Cantagallo, C., Pellegrini, F.A., Spacone, E., Camata, G. Multidirectional Lateral Loads and Combination Rules in Pushover Analysis (2022) Geotechnical, Geological and Earthquake Engineering, 50, pp. 249-259
27	2021	Hwang, Y.-W., Ramirez, J., Dashti, S., Kirkwood, P., Liel, A., Camata, G., Petracca, M. 2021 Seismic Interaction of Adjacent Structures on Liquefiable Soils: Insight from Centrifuge and Numerical Modeling. Journal of Geotechnical and Geoenvironmental Engineering, 147 (8), art. no. 04021063, https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107033064&doi=10.1061%2f%28ASCE%29GT.1943-5606.0002546&partnerID=40&md5=e5b729534c12d4a4351956020676d863
28	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107033064&doi=10.1061%2f%28ASCE%29GT.1943-5606.0002546&partnerID=40&md5=e5b729534c12d4a4351956020676d863
29	2021	DOI: 10.1061/(ASCE)GT.1943-5606.0002546
30	2021	Parisse, F., Cattari, S., Marques, R., Lourenço, P.B., Magenes, G., Beyer, K., Calderoni, B., Camata, G., Cordasco, E.A., Erberik, M.A., İçel, C., Karakaya, M., Malomo, D., Manzini, C.F., Marano, C., Messali, F., Occhipinti, G., Pantò, B., Saygılı, Ö., Sousamli, M. 2021 Benchmarking the seismic assessment of unreinforced masonry buildings from a blind prediction test. Structures, 31, pp. 982-1005. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102053134&doi=10.1016%2fj.istruc.2021.01.096&partnerID=40&md5=cfd21786a062d72261dcd89a9bfa7bdb DOI: 10.1016/j.istruc.2021.01.096
31	2021	Aceto, L., Quaranta, G., Camata, G., Briseghella, B., Spacone, E. Optimum design of a hybrid isolation device for server racks using constrained differential evolution algorithm (2021) COMPDYN Proceedings, 2021-June
32	2020	Germano, N., Lops, C., Montelpare, S., Camata, G., Ricci, R. 2020 Determination of Wind Pattern Inside an Urban Area Through a Mesoscale-Microscale Approach. Mathematical Modelling of Engineering Problems, 7 (4), pp. 515-519 https://www.scopus.com/inward/record.uri?eid=2-s2.085098959532&doi=10.18280%2fMMEP.070402&partnerID=40&md5=c2f837e2771e0fcf95483d5542c36fce DOI: 10.18280/MMEP.070402
33	2020	Garcia-Ramonda, L., Pelà, L., Roca, P., Camata, G. 2020 In-plane shear behaviour by diagonal compression testing of brick masonry walls strengthened with basalt and steel textile reinforced mortars, Construction and Building Materials, 240,117905
34	2020	Salsavilca, J., Yacila, J., Tarque, N., Camata, G. 2020. Experimental and analytical bond behaviour of masonry strengthened with steel reinforced grout (SRG) Construction and Building Materials, 238,117635

35	2020	Lima, C., Angiolilli, M., Barbagallo, F., Vecchi, F., Verderame, G.M. 2020. Nonlinear Modeling Approaches for Existing Reinforced Concrete Buildings: The Case Study of De Gasperi-Battaglia School Building in Norcia, Lecture Notes in Civil Engineering, 42, pp. 82-95
36	2019	Yacila, J., Camata, G., Salsavilca, J., Tarque, N. 2019. Pushover analysis of confined masonry walls using a 3D macro-modelling approach. Engineering Structures, 201,109731
37	2019	Yacila, J., Salsavilca, J., Tarque, N., Camata, G. (2019). Experimental assessment of confined masonry walls retrofitted with SRG under lateral cyclic loads, Engineering Structures, Volume 199, 15 November
38	2019	Cantagallo, C., Camata, G., Spacone, E. (2019). A Probability-based Approach for the Definition of the Expected Seismic Damage Evaluated with Non-linear Time-History Analyses, Journal of Earthquake Engineering 23(2), pp. 261-283
39	2019	Peruch, M., Spacone, E., Camata, G. (2019) Nonlinear analysis of masonry structures using fiber-section line elements. Earthquake Engineering and Structural Dynamics.
40	2018	Di Sarno, L., da Porto, F., Guerrini, G., Calvi, P.M., Camata, G., Prota, A. (2018) Seismic performance of bridges during the 2016 Central Italy earthquakes. 2019. Bulletin of Earthquake Engineering 17(10), pp. 5729-5761.
41	2018	Ricci, P., Manfredi, V., Noto, F., Terrenzi, M., Petrone, C., Celano, F., De Risi, M.T., Camata, G., Franchin, P., Magliulo, G., Masi, A., Mollaioli, F., Spacone, E., Verderame, G.M. (2018). Modeling and Seismic Response Analysis of Italian Code-Conforming Reinforced Concrete Buildings. Journal of Earthquake Engineering, 22 (sup2), pp. 105-139
42	2018	Breveglieri, M., Camata, G., Spacone, E. (2018) Strengthened infilled RC frames: Continuum and macro modeling in nonlinear finite element analysis. Composites Part B: Engineering, 151, pp. 78-91. DOI: 10.1016/j.compositesb.2018.05.042
43	2018	Siano, R., Roca, P., Camata, G., Pelà, L., Sepe, V., Spacone, E., Petracca, M. (2018) Numerical investigation of non-linear equivalent-frame models for regular masonry walls. Engineering Structures, 173, pp. 512-529. DOI: 10.1016/j.engstruct.2018.07.006
44	2018	Terrenzi, M., Spacone, E., Camata, G. (2018) Collapse limit state definition for seismic assessment of code-conforming RC buildings. International Journal of Advanced Structural Engineering, 10 (3), pp. 325-337. DOI: 10.1007/s40091-018-0200-6
45	2018	Di Sarno, L., da Porto, F., Guerrini, G., Calvi, P.M., Camata, G., Prota, A. (2018) Seismic performance of bridges during the 2016 Central Italy earthquakes. Bulletin of Earthquake Engineering, DOI: 10.1007/s10518-018-0419-4
46	2018	Marchiori, G., Rampini, F., Mian, S., De Lotto, L., Camata, G., Bressan, R. (2018) ELT dome and telescope: A unique prototype in a highly seismic context. Proceedings of SPIE - The International Society for Optical Engineering, 10706, art. no. 107060Z. DOI: 10.1117/12.2314945
47	2017	Petracca, M., Pelà, L., Rossi, R., Zaghi, S., Camata, G., Spacone, E. (2017) Micro-scale continuous and discrete numerical models for nonlinear analysis of masonry shear walls. Construction and Building Materials, 149, pp. 296-314. DOI: 10.1016/j.conbuildmat.2017.05.130
48	2017	Cantagallo, C., Camata, G., Spacone, E. (2017) A Probability-based Approach for the Definition of the Expected Seismic Damage Evaluated with Non-linear Time-History Analyses. Journal of Earthquake Engineering, pp. 1-23. DOI: 10.1080/13632469.2017.1323043
49	2017	Siano, R., Sepe, V., Camata, G., Spacone, E., Roca, P., Pelà, L. (2017) Analysis of the performance in the linear field of Equivalent-Frame Models for regular and irregular masonry walls. Engineering Structures, 145, pp. 190-210. DOI: 10.1016/j.engstruct.2017.05.017

50	2017	Tarque, N., Camata, G., Benedetti, A., Spacone, E. (2017) Alternative approach for reproducing the in-plane behaviour of rubble stone walls. <i>Earthquake and Structures</i> , 13 (1), pp. 29-38. Cited 1 time. DOI: 10.12989/eas.2017.13.1.029
51	2017	Siano, R., Camata, G., Sepe, V., Spacone, E., Roca, P., Pela, L. (2017) Finite elements vs. equivalent-frame models for URM walls' in-plane behaviour. A: World Conference on Earthquake Engineering. "16th World Conference on Earthquake Engineering 16WCEE 2017" Santiago de Chile: 2017, p. 1-11.
52	2017	Labò, S., Passoni, C., Marini, A., Belleri, A., Camata, G., Riva, P., Spacone, E. (2017) Prefabricated responsive diagrids for holistic renovation of existing MID-RISE RC buildings. <i>COMPDYN 2017 - Proceedings of the 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering</i> , 2, pp. 4234-4244. DOI: 10.7712/120117.5719.18007
53	2017	Camata, G., Celano, F., De Risi, M.T., Franchin, P., Magliulo, G., Manfredi, V., Masi, A., Mollaioli, F., Noto, F., Ricci, P., Spacone, E., Terrenzi, M., Verderame, G. (2017) Rintc project: Nonlinear dynamic analyses of Italian code-conforming reinforced concrete buildings for risk of collapse assessment. <i>COMPDYN 2017 - Proceedings of the 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering</i> , 1, pp. 1474-1485
54	2017	R. Siano, G. Camata, V. Sepe, E. Spacone, P. Roca, L. Pelà, "Finite Elements vs. Equivalent-Frame Models for URM walls' in-plane behavior", 16th World Conference on Earthquake Engineering 2017, Santiago, Chile, 9-13 January 2017
55	2016	Petracca M., Pelà L., Rossi R., Oller R., Camata G., Spacone E. (2016) Regularization of first order computational homogenization for multiscale analysis of masonry structures. <i>Computational Mechanics</i> . Springer. DOI:10.1007/s00466-015-1230-6. pp.257-276. In <i>COMPUTATIONAL MECHANICS</i> - ISSN:0178-7675 vol. 57
56	2016	Petracca M., Pelà L., Rossi R., Oller R., Camata G., Spacone E. (2016) Multiscale computational first order homogenization of thick shells for the analysis of out-of-plane loaded masonry walls. <i>Computer Methods in Applied Mechanics and Engineering</i> · November 2016, DOI: 10.1016/j.cma.2016.10.046
57	2016	R. Siano, G. Camata, V. Sepe, E. Spacone, P. Roca, L. Pelà, "Numerical validation of equivalent-frame models for URM walls", <i>ECCOMAS Congress 2016 - VII European Congress on Computational Methods in Applied Sciences and Engineering</i> , Crete Island, Greece, 5-10 June 2016
58	2015	Raka E., Spacone E., Sepe V., Camata G. (2015). Advanced frame element for seismic analysis of masonry structures: model formulation and validation. <i>Earthquake Engineering & Structural Dynamics</i> . DOI: 10.1002/eqe.2594
59	2015	Tarque N, Candido L, Camata G, Spacone E. (2015). Masonry Infilled Frame Structures : State-of-the-Art Review of Numerical Modeling. <i>EARTHQUAKE AND STRUCTURES</i> (ISSN:2092-7614) p. 225 - 251 Vol. 8,
60	2015	Tarque N, Lai C.G., Bozzoni F., Miccadei E., Piacentini T., Camata G., Spacone E. (2015). Evaluation of the Ground Motion Amplification at Poggio Pienze (Italy) <i>Engineering Geology for Society and Territory - Volume 5</i> . Engineering Geology for Society and Territory - Volume 5 1077- 1080, vol.5, In:Engineering Geology for Society and Territory . 15-19 October 2015, Torino, Italy,
61	2015	Cantagallo C, Camata G, Spacone E (2015). Influence of earthquake ground motion selection and scaling methods on seismic directionality effects. <i>Earthquake and Structures</i> (ISSN:2092-7614) p. 185 - 204 Vol. 8
62	2015	R. Siano, G. Camata, V. Sepe, E. Spacone, "Numerical models for masonry prisms subjected to eccentric compressive loading", XVI Convegno ANIDIS (Associazione Nazionale Italiana di Ingegneria Sismica), L'Aquila, Italy, 13-17 September 2015.
63	2014	Tarque N, Camata G, Varum H, Spacone E, Blondet M (2014). Numerical simulation of an adobe wall under in-plane loading, <i>Earthquake and Structures</i> (ISSN:2092-7614) p. 627 - 646 Vol. 6

64	2014	Cantagallo C., Camata G., Spacone E. (2014). Seismic Demand Sensitivity of Reinforced Concrete Structures to Ground Motion Selection and Modification Methods. Earthquake Spectra: November 2014, Vol. 30, No. 4, pp. 1449-1465. (ISSN:8755-2930) http://dx.doi.org/10.1193/062812EQS226M
65	2014	Nicola Tarque Ruíz, Guido Camata, Enrico Spacone, Humberto Varum, Marcial Blondet (2014). Non-linear dynamic analysis of a full-scaled unreinforced adobe module. Earthquake Spectra: November 2014, Vol. 30, No. 4, pp. 1643-1661 (ISSN:8755-2930).
66	2014	Tarque N, Bozzoni F, Lai CG, Miccadei E, Piacentini T, Camata G, Spacone E (2014). SEISMIC GROUND RESPONSE ANALYSIS AT THE SITE OF SAN FELICE CHURCH IN POGGIO PICENZE (L'AQUILA, ITALY). Frontiers of Earthquake Engineering EERI, In:10th U.S. National Conference on Earthquake Engineering . 21-24/07/2014, Anchorage, Alaska, USA
67	2014	Corigliano M, Lai CG, Scandella L, Spacone E, Camata G, Cantagallo C, Spallarossa D, Ghiretti P (2014). Probabilistic Seismic Hazard Assessment Of The European Extremely Large Telescope ("E-ELT") Project (Chile). Frontiers in Earthquake Engineering In:10th U.S. National Conference on Earthquake Engineering . 21-24/07/2014, Anchorage, Alaska, USA
68	2014	Cantagallo C, Camata G., Corotis R., Spacone E., Ghiretti P., Koch F. (2014) Assessment of Topographic Site-Effects Using Recorded Ground Motions. Application to the E-ELT Telescope Site 7th Computational Stochastic Mechanics Conference, June, Santorini, Greece
69	2013	Liel A., Corotis R., Camata G., Sutton J., Holtzman R., Spacone E. (2013). Perceptions of Decision-Making Roles and Priorities Affecting Rebuilding After Disaster: the Example of L'Aquila, Italy. Earthquake Spectra (ISSN:8755-2930) p. 843 - 868 Vol. 29
70	2013	L.T. Nguyen, R.B. Corotis, G. Camata (2013). Finite element models and future uses for confined masonry. Proc. of ICOSAIR 2013, Safety, Reliability, Risk and Life-Cycle Performance of Structures and Infrastructures In:ICOSAIR 2013, Safety, Reliability, Risk and Life-Cycle Performance of Structures and Infrastructures. June, New York,
71	2013	Nicola Tarque, Carlo G. Lai, Francesca Bozzoni, Enrico Miccadei, Tommaso Piacentini, Guido Camata, Enrico Spacone (2013). Expected Ground Motion at the Historical Site of Poggio Picenze, Central Italy, with reference to current Italian Building Code. ENGINEERING GEOLOGY (ISSN:0013-7952) p. 100 - 115 Vol. 166,
72	2013	Cantagallo C., Camata G., Spacone E. (2013). Analysis of post-elastic damage measures in Nonlinear Dynamic Analyses of RC structures. Proceedings of the 2013 World Congress on Advances in Structural Engineering and Mechanics (ASEM13) 592- 606, In:2013 World Congress on Advances in Structural Engineering and Mechanics (ASEM13). 8-12 September, 2013, Jeju, South Korea
73	2012	Cantagallo C., Camata G., Spacone E. and Corotis R. (2012). The variability of deformation demand with ground motion intensity. Journal of Probabilistic Engineering Mechanics, Elsevier, Vol. 28, April.
74	2012	Tarque N, Camata G, Spacone E, Varum H, and Blondet M. (2012) "Elastic and inelastic parameters for representing the seismic in-plane behaviour of adobe wall", . Terra 2012, Catholic Università di Peru. Lima, Peru
75	2012	Tarque N, Camata G, Spacone E, Varum H, and Blondet M. (2012) "Non-linear dynamic analysis of an adobe module." Terra 2012, Catholic Università di Peru. Lima, Peru
76	2012	Tarque N., Camata G., Spacone E., Blondet M., Varum H. (2015) The Use of Continuum Models for Analyzing Adobe Structures, 15th World Conference on Earthquake Engineering 2012 (15WCEE) Lisbon, Portugal, 24-28 September 2012, Volume 1 of 38

77	2012	Cantagallo C., Camata G., Spacone E. (2015) Sensitivity of Structural Demand to Ground Motion Selection and Modification Methods, 15th World Conference on Earthquake Engineering 2012 (15WCEE) Lisbon, Portugal, 24-28 September 2012, Volume 1 of 38
78	2012	Cantagallo C., Camata G., Spacone E., Corotis R. (2015) Seismic Demand Uncertainty Provided by Ground Motion Intensity Measure, 15th World Conference on Earthquake Engineering 2012 (15WCEE) Lisbon, Portugal, 24-28 September 2012, Volume 1 of 38
79	2011	Ucci, M., Camata, G., Spacone, E., Lilliu, G., Manie, J., Schreppers, G. J., (2011) "Nonlinear soil-structure interaction of a curved bridge on the Italian Tollway A25", Proceedings of the EuroDyn 2011 Conference, Leuven, Belgium, July.
80	2011	Camata G. (2011). "Challenges in Licensure in an International Context." International Workshop Engineering Ethics for a Globalized World (EGW11) October 23 – 25. Texas A&M University at Qatar.
81	2010	Camata, G., Shing, P.B. (2010). Static and fatigue load performance of a GFRP honeycomb bridge deck. Composites, Part B 41: 299-307.
82	2010	Cantagallo C., Camata G., Spacone E., Corotis R. (2010), The Variability of Deformation Demand with Ground Motion Intensity, Computational Stochastic Mechanics – Proc. of the 6th International Conference (CSM-6), Rhodes, Greece, June 13-16.
83	2010	Tarque N, Camata G, Spacone E, Varum H and Blondet M. (2010). Numerical modeling of in-plane behaviour of adobe walls. In proceedings of 8th National Conference on Seismology and Earthquake Engineering. University of Aveiro, Aveiro, Portugal.
84	2010	Massimo Meghella, Giorgia Faggiani, Enrico Spacone, Guido Camata, Giuseppe Brando. 2010. A risk analysis framework for the safety assessment of dams in Italy. 8th ICOLD European Club Symposium Austria, Innsbruck 22-23 September.
85	2009	Liel A.B., Corotis R., Sutton, Camata G., Spacone E. and Bricker-Ford R. (2011) "Rebuilding L'Aquila following the 2009 Earthquake: Priorities and Perspectives," (with), ICASP 11, August, Zurich, Switzerland.
86	2009	Camata G., Biondi S., De Matteis G., Lai C., Spacone E., Vanzi I., Vasta M. (2009) Post Damage Assessment of the L'Aquila, Abruzzi April 6, 2009 Earthquake. Keynote address, COMPDYN, June 22-24, Rhodes, Greece
87	2009	Biondi S., Camata G., Spacone E. Valente C.(2009) Ambient Vibration Identification of a masonry tower, ANIDIS, Bologna, Italy.
88	2008	Bosco M., Camata G., De Stefano M., Gherzi A., Lucchini A., Magliulo G., Marino I., Martinelli E., Monti G., Petti L., Saetta A, Spacone E., Trombetti T. (2008) Guidelines for Nonlinear Analysis of Existing Reinforced Concrete Buildings. Assessment and Reduction of the Vulnerability of Existing Reinforced Concrete Buildings.
89	2008	Camata G., L. Cifelli, E. Spacone, J. Conte, M. Loi and P. Torrese. (2008) Seismic safety assesment of the tower of the S.Maria Maggiore Cathedral in Guardiagrele, Italy Proc. The Ninth International Conf. on Computational Structure Technology, edited by B.H.V. Topping and M. Papadrakakis. Athens, Greece 2-5 September.
90	2008	Camata G., L. Cifelli, E. Spacone, J. Conte and P. Torrese. (2008) Safety Analysis of the bell tower of S.Maria Maggiore cathedral in Guardiagrele (Italy) Proc. 14th World Conference on Earthquake Engineering (14WCEE), Beijing, China 12-17 October.
91	2008	Spacone E., Camata G. and Faggella M. (2008). Nonlinear models and nonlinear procedures for seismic analysis of reinforced concrete frame structures keynote Lecture, ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, M. Papadrakakis, D.C. Charmpis, N.D. Lagaros, Y. Tsompanakis (eds.), Rethymno, Crete, Greece, 13-16 June.

92	2007	Camata G., Spacone E. and Zarnic R. (2007) "Experimental and Nonlinear Finite Element Studies of RC Beams Strengthened with FRP Plates." Composites Part B: Engineering, Elsevier, 38 (2), March, 277-288
93	2007	Camata G., Sarni A., Spacone E., Ricci G. and Buffone D. (2007). "Linear/Nonlinear dynamic analysis and seismic assessment of an existing viaduct" XII Convegno Nazionale, L'ingegneria sismica in Italia, Pisa, Italy, June 10-14.
94	2007	Camata G., Canducci G. and Spacone E. (2007). "Multidirectional seismic input: Design directional combination rules" in Italian, XII Convegno Nazionale, L'ingegneria sismica in Italia, Pisa, Italy, June 10-14.
95	2007	Camata G., Pasquini F. and Spacone E. (2007). "High Temperature Flexural Strengthening with Externally Bonded FRP Reinforcement" FRPRCS-8, University of Patras, Greece, July 16-18.
96	2007	Benedetti A., Camata G., Mangoni E. and Pugi F. (2007). "Out of plane seismic resistance of walls: collapse mechanisms and retrofit techniques" The Tenth North American Masonry Conference (10 NAMC), June 3-6.
97	2007	Camata G., Sarni A. and Spacone E. (2007). "Applications of the first draft of the new Italian guidelines for the seismic vulnerability assessment of bridges." 1ST US-Italy Seismic Bridge Workshop, Pavia (Italy), April 18th-20th 2007.
98	2005	Camata G. and Shing B. (2005) "Evaluation of GFRP Honeycomb Beams for the O'Fallon Park Bridge." Journal of Composite for Construction, ASCE, 8 (6), November/December, 545-555.
99	2004	Camata G., Spacone E., Al Mahaidi R. and Saouma V. (2004). "Analysis of Test Specimens for Cohesive Near-Bond Failure of Fiber-Reinforced Polymer-Plated Concrete." Journal of Composite for Construction, ASCE, 8 (6), 528-538.
100	2004	Camata G., Corotis R. and Spacone E. (2004). "Simplified Stochastic Modeling and Simulation of Unidirectional Fiber Reinforced Composites." Journal of Probabilistic Engineering Mechanics, Elsevier, 19 (1-2), 33-40.
101	2004	Thomsen H., Spacone E., Limkatanyu S. and Camata G. (2004). "Failure Mode Analyses of Reinforced Concrete Beams Strengthened in Flexure with Externally Bonded Fiber Reinforced Polymers." Journal of Composite for Construction, ASCE, 8 (2), 123-131.
102	2004	Camata G. and Spacone E. (2004). "Brittle-Failures of RC Structural Members Strengthened with Fiber Reinforced Polymers." Proc., Innovative Materials and Technologies for Construction and Restoration, IMTCR-04, 6/9 June 2004 Lecce, Italy, volume 2, 97-106.
103	2004	Camata G. and Shing B. (2004). "Evaluation of the Glass Fiber Reinforced Polymer (GFRP) Deck Panel for the O'Fallon Park Bridge." Report No. CDOT-DTD-R-2004-2 for the Colorado Department of Transportation, Colorado Department of Transportation, Research Branch, 4201 E. Arkansas Ave., Denver, CO 80222, July.
104	2003	Camata G., Spacone E. and Saouma V. (2003). "Nonlinear modeling of debonding failure of RC structural members strengthened with FRP laminates." Proc., 6th International Symposium on Fibre-Reinforced Polymer (FRP) Reinforcement for Concrete Structures, FRPRCS-6, July 8-10, Singapore.
105	2003	Limkatanyu S., Thomsen H., Spacone E. and Camata G. (2003). "Parametric Studies of RC Beams Strengthened in Flexure with Externally Bonded FRPs." Proc., 6th International Symposium on Fibre-Reinforced Polymer (FRP) Reinforcement for Concrete Structures, FRPRCS-6, July 8-10, Singapore.
106	2003	Camata G., Spacone E., Al Mahaidi R. and Saouma V. (2003). "Modeling FRP strengthened reinforced concrete structural members using nonlinear fracture mechanics." Proc., International Conference on Composites in Construction, September 16-19, Rende (CS), Italy.
107	2003	Camata G., Spacone E. and Saouma V. (2003). "Modeling FRP strengthened reinforced concrete structural members using nonlinear finite elements." Proc., fib-Symposium Concrete Structures in Seismic Regions, May 6-9, Athens.

108	2003	Camata G. (2003). "Modeling and Testing Fiber Reinforced Polymers in Civil Structures." PhD thesis. University of Colorado, Boulder, USA
109	2022	Camata G., Spacone E. and Saouma V. (2002). "Nonlinear Fracture mechanics analysis of brittle failure modes of post-strengthening aged/damaged Reinforced Concrete structural members with Fiber Reinforced Polymer materials." Proc., Bond in Concrete – from research to standards, November, Budapest, Hungary.
110	2022	Camata G., Corotis R. and Spacone E. (2002). "Simplified Stochastic Modeling and Simulation of Unidirectional Fiber Reinforced Composites." Proc., Fourth International Conference on Computational Stochastic Mechanics, Corfu, Greece, June 9-12.
111	2000	Aprile A., Benedetti A. and Camata G. (2000). "Performance of concrete filled FRP tubes in flexure." Proc., Conference of Advanced FRP Materials for Civil Structures, Bologna, Italy, October.
112	2000	Camata G. (2000). "Structural Performance of Concrete Filled FRP Tubes." BS/MS thesis, University of Bologna, Italy.

Titoli ¹

- Direzione di enti o istituti di ricerca di alta qualificazione internazionale:
-
- Responsabilità scientifica generale o di unità (work package, unità nazionale nei progetti europei o locale in quelli nazionali ecc.) per progetti di ricerca internazionali e nazionali ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari:

PNC Mis B4.1 Centri di Ricerca per l'innovazione nelle aree sisma 2009-2016. Presidenza del Consiglio dei Ministri. Progetto "Centro internazionale per la ricerca sulle scienze e tecniche della ricostruzione fisica, economica e sociale – STRIC"
 Importo complessivo progetto UdA 320,000.00 Euro
 2023-2026

PRIN 2022 "Artificial Intelligence for Sustainable seismic risk reduction of Structures: AI-SUST"
 ricostruzione fisica, economica e sociale – STRIC"
 Importo complessivo progetto UdA 81,800.00 Euro
 2022

Convenzione di ricerca stipulata tra Autostrade Brescia Padova - A4 e il Dipartimento di Ingegneria dell'Università di Chieti-Pescara sul tema "asseverazione, da parte di UNICH, delle modalità di esecuzione protocolli di delle ispezione ispezioni e controllo di viadotti, e ponti autostradali, sottopassi, cavalcavia e gallerie; della programmazione delle ispezioni speciali e degli interventi di manutenzione; delle valutazioni afferenti ad un campione rappresentativo di ispezioni eseguite dall'Affidatario delle attività di Sorveglianza, al fine di formulare il corretto giudizio sullo stato di conservazione delle opere in gestione"
 Importo complessivo progetto UdA 69,900.00 Euro
 2021-2023

Convenzione di ricerca stipulata tra Autostrade Brescia Padova - A4 e il Dipartimento di Ingegneria dell'Università di Chieti-Pescara sul tema " predisposizione di capitolati tecnici, da parte di UNICH, delle modalità di esecuzione delle verifiche di sicurezza e del monitoraggio dinamico di viadotti, ponti autostradali, sottopassi cavalcavia e tunnel, degli Elenchi Prezzi Unitari, il supporto alla predisposizione dei criteri da valutare nell'OEPV, l'assistenza alla procedura di gara per la selezione degli operatori."
 Importo complessivo progetto UdA 32,000.00 Euro
 2022

Convenzione di ricerca stipulata tra Autostrade Brescia Padova - A4 e il Dipartimento di Ingegneria dell'Università di Chieti-Pescara sul tema " verifica e valutazione della documentazione prodotta dai prestatori di servizio per l'espletamento delle attività loro affidate, la verifica dei modelli numerici, modelli BIM, prove e report dei ponti esaminati, il controllo dell'installazione degli strumenti di monitoraggio e della corretta esecuzione delle procedure indicate nei capitolati tecnici, della corretta implementazione della sala di controllo, dei report intermedi, del report finale, verifica e assistenza al collaudo, nell'ambito

¹ In via esemplificativa sono indicate alcune voci

dell'implementazione di un sistema di monitoraggio dinamico per il controllo da remoto di ponti, viadotti e tunnel della rete in gestione, in conformità a quanto previsto Decreto del Ministero delle Infrastrutture e della Mobilità Sostenibili 12 Aprile 2022. Lotto 2: attività per la conoscenza e il monitoraggio dei lotti 1, 2 e 3, conoscenza e verifiche di livello 4 per i lotti 1, 2 e 3 e implementazione della Sala di Controllo”
Importo complessivo progetto UdA 69,300.00 Euro

2023-2026

Progetto DPC-ReLUIIS – WP10 TASK 10.3 – Uso dei software di calcolo nella verifica sismica degli edifici in muratura v1.0

Importo complessivo progetto 22,500.00 Euro

2019-2021

Progetto DPC-ReLUIIS – WP4 – “Mappe di Rischio e Scenari di danno sismico

Importo complessivo progetto 22,500.00 Euro

2019-2021

Progetto DPC-ReLUIIS - WP 2: Applicazioni delle Linee Guida a tratte sperimentali, WP 3: Analisi, revisione e aggiornamento delle Linee Guida e WP 4: Sperimentazione su componenti strutturali e/o speciali

Importo complessivo progetto 100,000.00 Euro (con prof. Enrico Spacone)

2021-2022

Unità di Ricerca dell'Università di Chieti-Pescara, Linea –Progetti Speciali: Tamponature RS12, Progetto ReLUIIS-DPC.

Importo complessivo progetto 8,500.00 Euro

2014-2018

Convenzione di ricerca stipulata tra Kerakoll SPA e il Dipartimento di Ingegneria dell'Università di Chieti-Pescara sul tema "Consolidamento strutturale e sicurezza sismica."

Importo complessivo progetto 15,000.00 Euro

2016-2017

Convenzione di ricerca stipulata tra AEDES Software e il Dipartimento di Ingegneria dell'Università di Chieti-Pescara sul tema "Modellazione nonlineare di murature".

2009

-
- Direzione o partecipazione a comitati di direzione di riviste Scopus/WOS o classificate da ANVUR, nonché di collane editoriali, enciclopedie e trattati di riconosciuto prestigio nel settore:
-
- Partecipazione al collegio dei docenti nell'ambito di dottorati di ricerca accreditati dal Ministero:
- 2008-2011 è stato membro del Collegio dei Docenti del Dottorato di Ricerca PISA, sede amministrativa Università di Chieti-Pescara (coordinatori Proff. E. Spacone e N. Sciarra).
- da 2022 ad oggi è membro del Collegio dei Docenti del Dottorato di Ricerca Engineering Science, sede amministrativa Università di Chieti-Pescara (coordinatore Prof. L. Berardi)
- Incarichi di insegnamento o di ricerca (fellowship) presso qualificati atenei e istituti di ricerca esteri o sovranazionali:
2019. Docente presso L'università S. Augustin di Arequipa del corso "Corso di Analisi Nonlineare" 40 ore nell'ambito del corso di Master e Dottorato del PUCP.
2018. Docente presso la University of Colorado, USA del corso CVEN-4835/5835-200-1: SPECIAL TOPICS "Investigation and Strengthening design of existing structures" 50 ore nell'ambito del corso di Master e Dottorato.
Instructor overall 5.3/6.0
2016. Docente presso l'Università Cattolica, PUCP, Lima del corso "Application of the FEM to the linear and nonlinear analyses of RC and Masonry Structures" 24 ore nell'ambito del corso di Master e Dottorato del PUCP.
2017. Docente presso la University of Colorado, USA del corso CVEN-4835/5835-200-1: SPECIAL TOPICS "Investigation and Strengthening design of existing structures" 50 ore nell'ambito del corso di Master e Dottorato.
Instructor overall 5.2/6.0
2014. Docente presso la University of Colorado, USA del corso CVEN-4835-200-1: SPECIAL TOPICS "Investigation and Strengthening design of existing structures" 50 ore nell'ambito del corso di Master e Dottorato.
Instructor overall 5.5/6.0
2011. Docente presso la University of Colorado, USA del corso CVEN-4835/5835-200-1: SPECIAL TOPICS "Structural Design Loads" 50 ore nell'ambito del corso di Master e Dottorato.
Instructor overall 5.9/6.0

2010. Docente presso la University of Colorado, USA del corso CVEN-4835/5835-200-1: COM ANALY/DSGN BLD STRUC "Applied numerical design and analysis of Masonry and Reinforced concrete structures" 50 ore nell'ambito del corso di Master e Dottorato.

Instructor overall 4.9/6.0

2009. Docente presso la University of Colorado, USA del corso CVEN-4835-200-1: TPC-INVTGN/STRNGTHG DSGN "Investigation and Strengthening design of existing structures" 50 ore nell'ambito del corso di Master e Dottorato.

Instructor overall 5.4/6.0

- significativi riconoscimenti per l'attività scientifica, incluse l'affiliazione ad accademie di riconosciuto prestigio nel settore e la presidenza di società scientifiche di riconosciuto prestigio:
-
- partecipazione come relatore a convegni di carattere scientifico nazionali o internazionali:
 - CINPAR 2020 Seismic vulnerability and strengthening of heritage structures using advanced analysis and Fiber Reinforced Cementitious Matrix (FRCM); Porto, Portugal 13-15 May 2020
 - REUSO, Documentation, Restoration and Reuse of Heritage, 2-4 November 2022, Porto, Portogallo
 - ISDEE 2020, International Symposym on Durrës Earthquakes and Eurocodes, Invited Speaker, Tirana 9 - 11 April.
 - 16th World Conference on Earthquake Engineering 2017, Santiago, Chile, 9-13 January 2017
 - OPENSEES DAYS EUROPE, First European Conference on OpenSees, June 19-20, 2017, Porto, Portugal
 - Challenges in Licensure in an International Context. International Workshop Engineering Ethics for a Globalized World (EGW11) October 23 – 25, 2011. Texas A&M University at Qatar
 - Post Damage Assessment of the L'Aquila, Abruzzi April 6, 2009 Earthquake. Keynote lecture, COMPDYN, June 22-24, Rhodes, Greece
 - 14th World Conference on Earthquake Engineering (14WCEE), Beijing, China 12-17 October 2008.
 - Applications of the first draft of the new Italian guidelines for the seismic vulnerability assessment of bridges."1ST US-Italy Seismic Bridge Workshop, Pavia (Italy), April 18th-20th 2007.
 - Brittle-Failures of RC Structural Members Strengthened with Fiber Reinforced Polymers. Proc., Innovative Materials and Technologies for Construction and Restoration, IMTCR-04, 6/9 June 2004 Lecce, Italy, volume 2, 97-106.
 - Modeling FRP strengthened reinforced concrete structural members using nonlinear fracture mechanics. Proc., International Conference on Composites in Construction, September 16-19,2003, Rende (CS), Italy.
- Performance of concrete filled FRP tubes in flexure. Conference of Advanced FRP Materials for Civil Structures, Bologna, Italy, October 2000.
- direzione o partecipazione a gruppi di ricerca, nazionali o internazionali, legati a università ovvero a qualificate istituzioni pubbliche o private:
-
- partecipazione a comitati di redazione di riviste Scopus/WOS o classificate da ANVUR, nonché di collane editoriali, enciclopedie e trattati di riconosciuto prestigio nel settore:
-
- Altri titoli che contribuiscano a una migliore definizione del profilo scientifico:
-

data

firma

04/10/2023

