

CURRICULUM VITAE di:

Nominativo	SERGIO LAGOMARSINO
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Publicazioni Scientifiche (2009-2019)

- 1) Lagomarsino, S., Cattari, S., Ottonelli, D., Giovinazzi, S. "Earthquake damage assessment of masonry churches: proposal for rapid and detailed forms and derivation of empirical vulnerability curves." (2019) *Bulletin of Earthquake Engineering*, 17 (6), pp. 3327-3364.
- 2) Marino, S., Cattari, S., Lagomarsino, S., Dizhur, D., Ingham, J.M. "Post-earthquake Damage Simulation of Two Colonial Unreinforced Clay Brick Masonry Buildings Using the Equivalent Frame Approach." (2019) *Structures*, 19, pp. 212-226.
- 3) Haddad, J., Cattari, S., Lagomarsino, S. "Use of the model parameter sensitivity analysis for the probabilistic-based seismic assessment of existing buildings." (2019) *Bulletin of Earthquake Engineering*, 17 (4), pp. 1983-2009.
- 4) Degli Abbatì, S., D'Altri, A.M., Ottonelli, D., Castellazzi, G., Cattari, S., de Miranda, S., Lagomarsino, S. "Seismic assessment of interacting structural units in complex historic masonry constructions by nonlinear static analyses." (2019) *Computers and Structures*, 213, pp. 51-71. Cited 3 times.
- 5) Degli Abbatì, S., Cattari, S., Lagomarsino, S. "Seismic assessment of single-block rocking elements in masonry structures." (2019) *Masonry International*, 31 (2), pp. 39-48.
- 6) Haddad, J., Cattari, S., Lagomarsino, S. "Sensitivity and Preliminary Analyses for the Seismic Assessment of Ardinghelli Palace." (2019) *RILEM Bookseries*, 18, pp. 2412-2421.
- 7) Candela, M., Lopetrone, P., Borri, A., Lagomarsino, S. Static and Dynamic Testing on a Brick Masonry Pavilion Vault of the San Francesco di Paola Convent, in Rocca Bernarda (KR), Italy (2019) *RILEM Bookseries*, 18, pp. 762-770.
- 8) Simões, A.G., Bento, R., Lagomarsino, S., Cattari, S., Lourenço, P.B. Seismic assessment of nineteenth and twentieth centuries URM buildings in Lisbon: structural features and derivation of fragility curves (2019) *Bulletin of Earthquake Engineering*,
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- 10) Manzini, C.F., Magenes, G., Penna, A., da Porto, F., Camilletti, D., Cattari, S., Lagomarsino, S. Masonry Italian Code-Conforming Buildings. Part 1: Case Studies and Design Methods (2018) *Journal of Earthquake Engineering*, 22 (sup2), pp. 54-73.
- 11) Despotaki, V., Silva, V., Lagomarsino, S., Pavlova, I., Torres, J. Evaluation of Seismic Risk on UNESCO Cultural Heritage sites in Europe (2018) *International Journal of Architectural Heritage*, 12 (7-8), pp. 1231-1244.
- 12) Abbatì, S.D., Cattari, S., Lagomarsino, S. Theoretically-based and practice-oriented formulations for the floor spectra evaluation (2018) *Earthquake and Structures*, 15 (5), pp. 565-581.
- 13) Lagomarsino, S., Camilletti, D., Cattari, S., Marino, S. Seismic assessment of existing irregular masonry buildings by nonlinear static and dynamic analyses (2018) *Geotechnical, Geological and Earthquake Engineering*, 46, pp. 123-151.

- 14) Simões, A.G., Bento, R., Lagomarsino, S., Cattari, S., Lourenço, P.B. The seismic assessment of masonry buildings between the 19th and 20th centuries in Lisbon-evaluation of uncertainties (2018) *Proceedings of the International Masonry Society Conferences*, 0 (222279), pp. 2563-2577.
- 15) Degli Abbatì, S., Lagomarsino, S. Out-of-plane static and dynamic response of masonry panels (2017) *Engineering Structures*, 150, pp. 803-820.
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- 17) Sorrentino, L., D'Ayala, D., de Felice, G., Griffith, M.C., Lagomarsino, S., Magenes, G. Review of Out-of-Plane Seismic Assessment Techniques Applied To Existing Masonry Buildings (2017) *International Journal of Architectural Heritage*, 11 (1), pp. 2-21.
- 18) Mendes, N., Costa, A.A., Lourenço, P.B., Bento, R., Beyer, K., de Felice, G., Gams, M., Griffith, M.C., Ingham, J.M., Lagomarsino, S., Lemos, J.V., Liberatore, D., Modena, C., Oliveira, D.V., Penna, A., Sorrentino, L. Methods and Approaches for Blind Test Predictions of Out-of-Plane Behavior of Masonry Walls: A Numerical Comparative Study (2017) *International Journal of Architectural Heritage*, 11 (1), pp. 59-71.
- 19) Calderini, C., Rossi, M., Lagomarsino, S., Cascini, L., Portioli, F. Experimental and numerical analysis of seismic response of unreinforced masonry cross vaults (2017) *International Conference on Advances in Experimental Structural Engineering*, 2017-September, pp. 659-670.
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- 24) Cattari, S., Lagomarsino, S., Vecchiattini, R., Stagno, G. The "Gothic House" in Arquata Scrivia (Italy): Constructive details and seismic assessment of a timber framed masonry structure (2016) *Lecture Notes in Civil Engineering*, 1, pp. 161-170.
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- 31) Calderini, C., Lagomarsino, S. Seismic response of masonry arches reinforced by tie-rods: Static tests on a scale model (2015) Journal of Structural Engineering (United States), 141 (5), art. no. 4014137, .
- 32) Lagomarsino, S., Cattari, S. PERPETUATE guidelines for seismic performance-based assessment of cultural heritage masonry structures (2015) Bulletin of Earthquake Engineering, 13 (1), pp. 13-47.
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