



PROF. GIUSEPPE SANTARSIERO

SCIENTIFIC CURRICULUM VITAE:

Degree in Civil Engineering (Structures), summa cum laude, at the University of Basilicata got his Ph.D in Structural Engineering at the University of Salerno. He is currently research associate at the School of Engineering, University of Basilicata.

The research activity is based on both numerical and experimental approaches and deals with topics of Structural and Earthquake Engineering. This is testified by about 80 publications in international and national journals and conference proceedings.

He attends national and international conferences on Earthquake Engineering such as 14th and 15th WCEE (World Conference on Earthquake Engineering) held in Beijing and Lisboa (in 2008 and 2012) and Compdyn (Computational Methods in Earthquake Engineering and Structural Dynamics) international conferences held in Rodi and Crete (where he was also chairman) in 2017 and 2019 respectively.

He is component of the editorial board of the national journal *l'Edilizia-Structural* and reviewer of international journals such as *Engineering Structures*, *Construction and Building Materials*, *Journal of Earthquake Engineering*.

The research activity deals mainly with: finite element micromodelling techniques of reinforced concrete (RC) and steel structures and structural members; Seismic behaviour of RC and masonry structures; Analysis and development of seismic strengthening techniques for RC buildings; Integrated techniques for seismic strengthening and energy inefficiency reduction of buildings; evaluation of in-situ material properties; seismic vulnerability of non-structural components; seismic risk of special buildings and facilities such as schools and hospitals.

He participates since 2005 as member of the research unit of the University of Basilicata to the DPC-ReLUIS research projects on the buildings' seismic risk reduction. He is currently scientific coordinator of the same research unit in the framework of the 2019-21 ReLUIS research project, specifically for Work Package 17 "Code contributions related to non-structural components" .

PROFESSOR'S OFFICE HOUR:

Thursday, 10.30-12.30 a.m., 2nd floor, Laboratory of Structures, School of Engineering building

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