



## Sergio Lagomarsino

Full professor

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### *Education and training*

1989

#### **PhD in Structural Engineering**

University of Florence Italy - Firenze - IT

1984

#### **Graduated cum laude in Civil Engineering**

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University of Genoa Italy - Genova - IT

### *Academic experience*

2000 - ONGOING

#### **Full Professor of Structural Engineering**

University of Genoa - Genova - IT

1998 - 2000

#### **Associate Professor of Structural Engineering**

University of Genoa - Genova - IT

1990 - 1998

#### **Assistant Professor**

University of Genoa - Genova - IT

### *Language skills*

#### **English**

Proficient

#### **Italian**

Mother tongue

### *Teaching activity*

at present

- *Structural design*, Master Course on Architectural Engineering, University of Genoa
- *Structural rehabilitation*, Master Course on Civil and Environmental Engineering, University of Genoa
- *Strengthening of historical buildings*, Postgraduate course on Restoration of monuments, Univ. of Genoa

## ***Postgraduate research and teaching activity***

### **Supervision of PhD students, residents and post-doctoral fellows**

Supervisor of more than 10 PhD students  
Tutor of many research assistants.

### ***Research interests***

- Numerical modelling of masonry structures
- Nonlinear static (pushover) and incremental dynamic analyses
- Probabilistic and practice-oriented procedures for the seismic assessment of existing masonry buildings
- Seismic risk, vulnerability and loss analysis
- Post-earthquake damage assessment and vulnerability of churches
- Retrofitting of ancient buildings and historical centres
- Preservation of cultural heritage structures

### ***Grants***

**2005 - ONGOING**

#### **Seismic vulnerability of masonry buildings**

ReLUIS - Italian Department of Civil Protection - IT  
1500000 Euro - Pricipal investigator

**2010 - 2012**

#### **PERPETUATE - PERFORMANCE-based aPproach to Earthquake proTECTION of cULTurAl heriTage in European and mediterranean countries**

European Commission  
2400000 Euro - Pricipal investigator

**2009 - 2010**

#### **Analysis and modelling of multi-leaf masonry structures for the protection of built heritage**

Ministry of University and Research - PRIN - IT  
25000 Euro - Pricipal investigator

### ***Editorial activity***

#### **BIBLIOMETRIC INDICATORS**

28/02/2018: 80 Published/In press Journal Papers on Scopus, *h*-index: 24, # citations: 1830.

75 Published/In press Journal Papers on Web of Science, *h*-index: 23, # citations: 1542

233 Published Papers on Google Scholar, *h*-index: 36, # citations: 4490

## EDITORIAL BOARD MEMBERSHIP

- “International Journal of Architectural Heritage’ (Eds. P. Lourenco and P. Roca)
- “Earthquakes and Structures” (Eds. A. Anagnostopoulos, I. Takewaki and J.P. Lynch)
- “Ingegneria Sismica” - International Journal on Seismic Engineering (Ed. G. Benzoni)
- “Progettazione sismica” (Ed. M. Calvi)
- Guest Editor of the Special Issue “*Performance-Based Assessment of Cultural Heritage Assets: Outcomes of the European Project PERPETUATE*” of the Bulletin of Earthquake Engineering, 13(1), 2015

## *Other professional activities*

- Member of ICOMOS (*International Council on Monuments and Sites*).
- Coordination of the post-earthquake damage assessment of churches after the Umbria and Marche earthquake (1997). The proposed survey form sheet was formally adopted by the Italian Civil Protection Department for the following earthquakes and is used all over the world (Spain, Portugal, New Zealand)
- Development of the program TREMURI for static and dynamic nonlinear analysis of masonry buildings. The program is also used for design and assessment by practitioners (3muri@-stadata.com).
- Chairman of the XI ANIDIS (Italian Conference on Earthquake Engineering), Genoa, January 2004.