



UNIVERSITÀ
DEGLI STUDI
FIRENZE



UNIVERSITÀ
DI PISA

International Doctorate in Civil and Environmental Engineering
Referente per la Sede di Pisa: Prof. Ing. Massimo Losa

Workshop on the Mechanical Response of Historic Masonry Constructions: Analysis Methods and Study Cases

The architectural heritage of European cities is strongly characterized by the presence of a large number of historic masonry buildings, some of which of considerable architectural value. Despite the widespread constructive practice consolidated over the past centuries, the structural response of masonry buildings is not yet completely known. The workshop is aimed at graduate and PhD students with the intention of providing an introduction to the assessment tools that can be used to address the structural issues involved in the preservation and restoration of historic masonry buildings.

9.30 – 10.30 *Heyman's theory and rigid blocks models
for masonry*

Prof. **Maurizio Angelillo**
Università degli Studi di Salerno

10.30 – 11.30 *Heyman's theory: A New Paradigm for
Understanding Masonry Architecture*

Prof. **Santiago Huerta**
Universidad Politécnica de Madrid

11.30 – 12.30 Group work on structural analysis



Lunedì 9 dicembre

Aula Pacinotti
Scuola di Ingegneria dell'Università di Pisa

Referenti: Riccardo Barsotti e Francesco Barsi
(riccardo.barsotti@unipi.it; francescobarsi@gmail.com)