



A.D. 1308  
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 DIPARTIMENTO  
 DI INGEGNERIA  
 CIVILE E AMBIENTALE  
 DIPARTIMENTO DI ECCELLENZA

# DOCTORAL PROGRAM IN CIVIL AND ENVIRONMENTAL ENGINEERING

## Final Workshop

# PRIN DETECT-AGING

Location Aula Magna, Campus of Engineering, University of Perugia

Latitude: 43.118177 Longitude: 12.357942

Timetable January 24<sup>th</sup> 2023 – 9:00 a.m. (CET)

Final workshop of the project of national interest (PRIN) "DETECT-AGING - Degradation Effects on sStructural safEty of Cultural heriTAGE constructions through simulation and health monitorING"  
 (Protocol No. 201747Y73L) funded by the Italian Ministry of Education, University and Research (MIUR).

### Program

#### 9:00 Institutional greetings and opening remarks

9:30 Gian Piero Lignola and Fulvio Parisi (University of Naples)

*Effects of degradation on the structural safety of masonry walls – UNINA's experience in the Detect-Aging Project*

10:15 Nicola Buratti and Giorgio Virgulto (University of Bologna)

*The building mock-up of DETECT-AGING, a benchmark for SHM systems*

#### 11:00 Coffee break

11:30 Serena Cattari, Marco Lepidi, Daniele Sivori, and Sara Alfano (University of Genoa)

*Developments in the use of equivalent frame modeling to support the structural monitoring of historic masonry constructions – UNIGE's experience in the DETECT-AGING Project*

12:15 Filippo Ubertini, Iliaria Venanzi, Antonella D'Alessandro, Enrique Garcia-Macias, Nicola Cavalagli, Andrea Meoni, and Laura Ierimonti (University of Perugia)

*Advances in the field of structural monitoring of historic masonry constructions exposed to degradation – UNIPG's experience in the Detect-Aging Project*

12:45 Gian Piero Lignola, Nicola Buratti, Serena Cattari, Filippo Ubertini

*Conclusions*

#### 1:30 PM Working Lunch

#### 3:00 PM Techical visit to Santa Maria degli Angeli Basilica and SHM system

Scan or click [here](#) to  
 join remotely!



Supported by



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