



Location and Registration Fees

The Faculty of Architecture of Sapienza University

The 2015 edition of DISS will take place in the Aula Magna of the Faculty of Architecture of the Sapienza University in Rome.

The Faculty, which was originally established in 1920 as the Advanced School of Architecture, is located at Valle Giulia, in Via Gramsci 53, near the National Gallery of Modern Arts, and is well connected through subway, tramway and bus lines.

Fees include attendance, proceedings (only for presenters) buffet lunch and coffee breaks:

Presenting author: € 300
Attendee: € 100
One-day attendee: € 50

Sapienza University of Rome
Dept. of Structural and
Geotechnical Engrg.
Faculty of Architecture

University of L'Aquila
Dept. of Civil, Architecture and
Environmental Engrg.
Faculty of Engineering

Ordine degli Ingegneri
della Provincia di Roma

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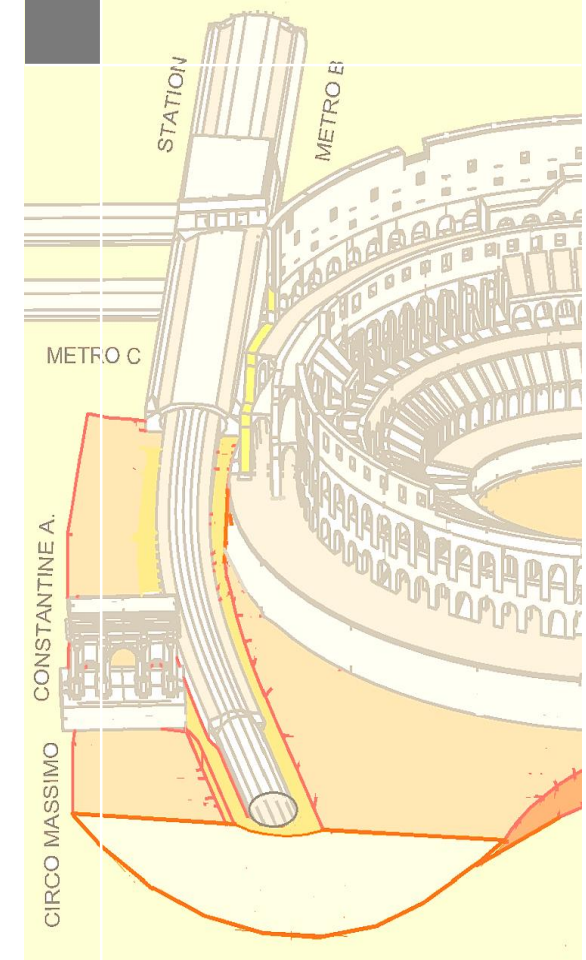


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"Interventi sulle costruzioni esistenti"
prof. ing. Gianfranco Valente

Dynamic Interaction of Soil and Structure (DISS_15)

The 4th International Workshop
Rome, 12-13 November 2015



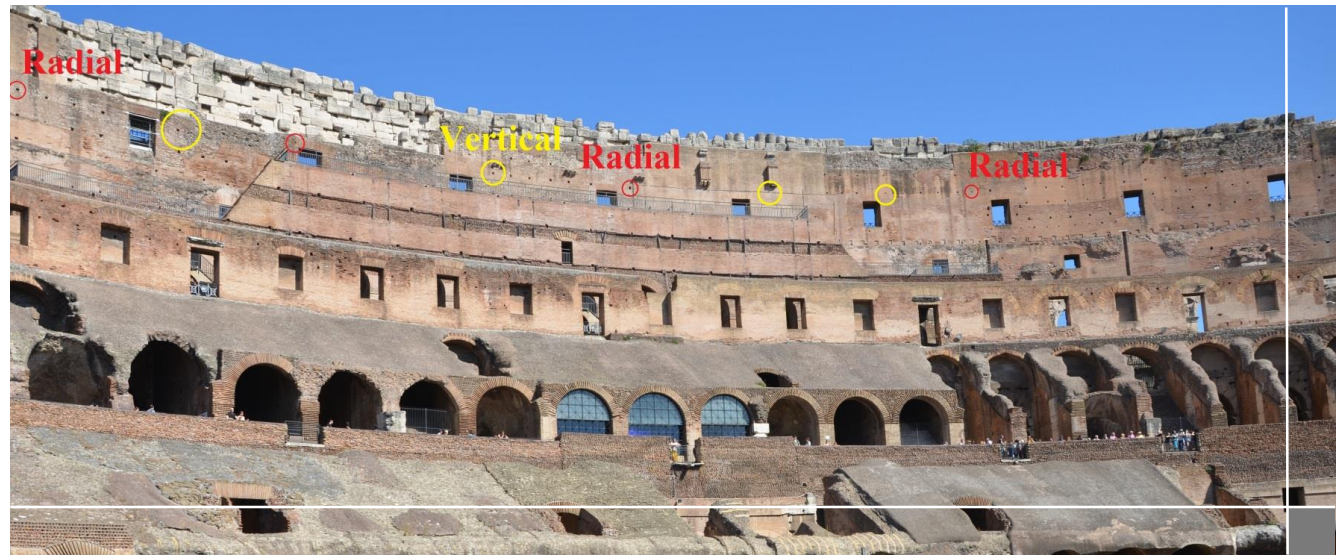
Call for Papers

Authors wishing to present a paper will submit a one-page abstract with title, names of authors, affiliation and keywords to info@diss-co.it and to registrazione@aitef.it, within 15 October 2015

The first Authors will:

- sign the “*Authorization to Personal Data Processing and Transfer of Publication Rights*” (will be sent by email)
- give the Committee their PowerPoint presentation on the Workshop day
- send their final paper as Word and PDF document by 28 February 2016

Please check www.diss-co.it



Main Topics Archaeologic Structures, Cryptoportici, Hypogea, Geology, Geotechnics, Geophysics

At 3:32 am on 6 April 2009, the main shock of L’Aquila earthquake travelled the distance of 100 km and reached Rome. The INGV (the Italian Institute of Geophysics and Volcanology) recorded the seismic sequence under and on the Colosseum.

Since then, different Institutions have been conducting many test campaigns on the Colosseum, both to validate the results of the developed models and to periodically recalibrate the objectives.

Apart from that exceptional event, soil has been transferring vibrations to monuments for 2000 years! Nowadays, vibrations caused by traffic, subways and other human activities continuously affect ancient constructions.

Thus, it is necessary to study the continuous dynamic interaction between soil and monuments through reliable structural models and monitoring campaigns.

These studies are usually carried out both from the soil input standpoint and from the effects it produces on the structural parts, particularly if deterioration processes are taking place.

All these activities play an essential role in supporting the optimal safety management of monuments in highly urbanized areas. The aims are those of safeguarding the existing cultural heritage by reducing the dynamic effects that could damage the monuments and related cultural events.

Since 2000, a DISS group participated by Italian Universities, ENEA, INGV, SSCOL of Rome, SDR of Tokyo, organized three international workshops to promote the sharing of knowledge, methodologies and objectives.

This year, the 4th edition is organised by the Sapienza University of Rome and the University of L’Aquila, in the Faculty of Architecture of the former.

