



a historical town

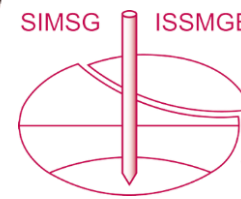


ASSISI

in the heart of Umbria



to be discovered and enjoy



- TC 203 Earthquake
- TC 309 Machine Learning
- TC 209 Offshore Geotechnics
- TC 204 Underground Construction



SimCenter
Center for Computational Modeling & Simulation



Computational Dynamic Soil-Structure Interaction

International Workshop – 11-13 September 2024 – Assisi, Hotel Domus Pacis

Goal

Advances in the field of soil-structure interaction are impacting design, retrofitting and protection of civil engineering structures against natural hazards. This Workshop is therefore devoted to new-generation numerical approaches for the dynamic analysis of soil-structure systems of strong practical relevance, investigating critical issues and high-fidelity approaches applicable from local to regional scale. A meeting point to share knowledge, in which researchers and designers of Structural & Geotechnical Engineering will promote solutions for a safer urban fabric.

Organising Committee



Pedro Arduino



Davide Noè Gorini



Domenico Gallese

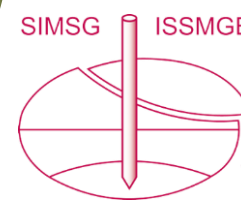
Scientific Themes

- Wed 11, aft *Large soil-structure systems: from advanced modelling to novel practice-oriented approaches*
- Thu 12, mor *Artificial Intelligence-based approaches to dynamic soil-structure interaction*
- Thu 12, aft *Mitigation of natural hazards in urban settings and optimised design of protection solutions*
- Fri 13, mor *Offshore infrastructures under complex loading*
- Fri 13, aft *Underground structures, and their interaction with the urban fabric*

Hotel Domus
Pacis



venue, board, lodging



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Keynote Speakers

Theme 1	Theme 2	Theme 3	Theme 4	Theme 5
David McCallen	Ertogrul Taciroglu	Shideh Dashti	Federico Pisanò	Daniela Boldini

Scientific Committee

Anastasios Sextos (University of Bristol - UK), Shideh Dashti (University of Colorado at Boulder - US), Guido Camata (University of Pescara G. D'Annunzio - Italy), Christopher McGann (University of Canterbury - New Zealand), Francesca Dezi (University of Camerino - Italy), Nikos Gerolymos (NTUA University - Greece), Federico Pisanò (Norwegian Geotechnical Institute - US), Ertugrul Taciroglu (University of California Los Angeles - US), Claudio Tamagnini (University of Perugia - Italy), José A. Abell (University of the Andes - Chile), Boris Jeremic (University of California Davis - US), Stefania Sica (University of Sannio - Italy), James Ricles (Lehigh University - US), Domniki Asimaki (California Institute of Technology - US), Paolo Franchin (Sapienza University of Rome - Italy), Yu-Wei Hwang (NYCU University - Taiwan), Massimo Petracca (ASDEA Software Technology - Italy), Stavroula Kontoe (University of Patras - Greece), Youssef M. A. Hashash (University of Illinois U-C - US), Domenico Gallese (ARUP Engineering - UK), Pedro Arduino (University of Washington - US), Davide Noè Gorini (Sapienza University of Rome - Italy)

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Key Dates
Abstract submission: March 15-April 30
Abstract acceptance: June 15
Early-bird registration: June 30
Extended abstract submission: July 30

Workshop Proceedings
All extended abstracts will be included in the publication "Computational Dynamic Soil-Structure Interaction - CompDSSI, Assisi, Italy, Sep 11-13, 2024 – Book of Extended Abstracts"

Stay tuned!
More information about abstracts submission, registration, fees, board & lodging at Hotel Domus Pacis will be provided soon.
Sign in at [this link](#) to set up the alerts.