



1-3 July 2026
Riva del Garda (IT),
Astoria Resort

**INTERNATIONAL CONFERENCE
 ON COMPUTATIONAL DYNAMIC
 SOIL-STRUCTURE INTERACTION**

2026 CompDSSI

Organising Committee



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Motivation and goal

Advances in dynamic soil-structure interaction are increasingly central to the design, assessment, and protection of the urban fabric facing natural hazards.

In this context, the 2026 CompDSSI will place a strong focus on numerical strategies for designing, analysing and controlling the multiphysics dynamic performance of civil engineering structures.

Building on the success of the previous editions, the 2026 CompDSSI will bridge pioneering research with cutting-edge practical applications in structural, geotechnical and hydraulic engineering, fostering innovation within a cohesive and multidisciplinary environment.

Thematic Sessions

Session 1 - *Advances in numerical approaches to dynamic soil-structure interaction: from local to territorial analysis*

Keynote Lecturer: *Prof. Hesham El Naggar (Western University, Canada)*

Session 2 - *SSI-informed assessment, design and protection of structures and infrastructures against natural hazards*

Keynote Lecturer: *Prof. Christian Ledezma (Pontificia Universidad, Chile)*

Session 3 - *Dynamic performance and resilience of energy soil-structure systems*

Keynote Lecturer: *Prof. Stavroula Kontoe (University of Patras, Greece)*

Session 4 - *Surrogate modelling and uncertainty quantification in the dynamic performance of soil-structure systems*

Keynote Lecturer: *Prof. James Ricles (Lehigh University, US)*

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Deadlines

Extended Abstracts by:

1 November 2025

Abstract acceptance:

30 November 2025

Full paper submission:

15 February 2026

Proceedings

The Proceedings will be published in the *Lecture Notes in Civil Engineering* series (Springer), indexed in Scopus.

The most valuable contributions will be also invited for publication in a Special Issue of *Soil Dynamics and Earthquake Engineering*.

Instructions on the abstract submission and registration process are available at this [link](#).

Scientific Committee

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