

3rd International Symposium on Dynamics and Aerodynamics of Cables

ISDAC 2023

JUNE 15-17, 2023

Sapienza University of Rome

Cloister room

Faculty of Civil and Industrial Engineering
via Eudossiana 18, 00184, Rome, Italy

DIPARTIMENTO DI INGEGNERIA
STRUTTURALE E GEOTECNICA



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ISDAC 2023

The Third International Symposium on Dynamics and Aerodynamics of Cables (ISDAC 2023) will be hosted by the DISG - Department of Structural and Geotechnical Engineering of Sapienza University of Rome (Italy), from 15 to 17 June 2023. The ISDAC 2023 Symposium will be organized with the contribution of DICA - Department of Civil and Environmental Engineering of Politecnico di Milano (Italy) and DICCA - Department of Civil, Chemical and Environmental Engineering of University of Genoa (Italy).

TOPICS

- Nonlinear cable dynamics
- Cable structures and moving cables
- Cable aging, fatigue, degradation and failure mechanisms
- Laboratory testing of cable dynamics and aerodynamics
- Field investigations of cable dynamics and aerodynamics
- Computational models for cable dynamics and fluid-structure interaction
- Cable vibration control
- Cable driven parallel manipulators and cable cranes
- Monitoring of cable performance
- Environmental and anthropic loads on cable structures
- New materials for structural cables
- Design performance criteria

CONFERENCE CHAIRS

Vincenzo Gattulli
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Marco Lepidi
University of Genoa

LOCAL COMMITTEE

Andrea Arena
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Daniele Sivori

KEY DATES

Deadline for abstract
December 22, 2022

Abstract acceptance
January 15, 2023

Deadline for papers
April 1, 2023

Paper acceptance
May 15, 2023

Early bird registration
May 15, 2023

MORE INFORMATION

www.bdst.it/isdac2023
isdac2023@bdst.it

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