

Proposed by GADeS, Gruppo Aimeta di Dinamica e Stabilità

Dynamics and Stability of Mechanical Systems

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The mini-symposium on Dynamics and Stability of mechanical systems is promoted by the AIMETA group "Dinamica e Stabilità - GADeS". It aims to inspire the advancement of knowledge and to intensify the cooperation between researchers operating in the following fields:

- Dynamics and stability of mechanical systems
- Chaotic Systems
- Fluid-Soil-Structure Interactions
- Buckling and postbuckling of structures
- Stochastic dynamics
- Inverse problems, Identification, Optimization, Model Updating
- Active, passive, semi-active and hybrid control
- Vibration isolation
- Discretization, substructuring and modal reduction methods
- Friction induced vibrations
- Materials with memory: mechanical & thermodynamical behaviour
- Biological tissues mechanics
- Composite materials and phase transitions
- Piezoelectric systems