## **University of Calabria** Department of Civil Engineering

M.S. Course in Building Engineering and Architecture

Dynamics of Structures Course | Prof. L. Leonetti

**10** January, 202314:30 - 17:30"Aula 39B 1A"

## Linear and Nonlinear Devices for Passive Vibration Control

## **Seminar Program**

Part 1 | 14:30 - 16:00 (Stefania Lo Feudo)

- Passive Vibration Control
- Tuned Mass Damper
- Fundamentals of Nonlinear Vibration
- Nonlinear Vibration Absorbers

Part 2 | 16:00 - 17:30 (Nicolò Vaiana)

- Hysteresis Phenomena
- Hysteretic Devices
- Phenomenological Modeling

## **Speakers**

Eng. Stefania Lo Feudo, Ph.D. | Assistant Professor at Institut Supérieur de Mécanique de Paris Eng. Nicolò Vaiana, Ph.D. | Assistant Professor at University of Naples Federico II

Organizers: Professor Fabrizio Greco, Professor Lorenzo Leonetti

