

# ENERGY DISSIPATION DEVICES FOR SEISMIC PROTECTION OF BUILDINGS

Short Course on

13 - 14 - 15  
July 2021

6 hours



## 13 July Introduction & steel hysteretic dampers

17.00 - 19.00 CEST

**M. Gabriella Castellano**

FIP MEC Academy

- Introduction to seismic protection of buildings through supplemental energy dissipation devices
- Steel hysteretic dampers: characteristics, tests and examples of use in buildings.

## 14 July Fluid viscous dampers

17.00 - 19.00 CEST

**M. Gabriella Castellano**

FIP MEC Academy

- Fluid viscous dampers: characteristics, tests and examples of use in buildings.

## 15 July Examples of new and existing buildings with supplemental energy dissipation devices

17.00 - 18.00 CEST

**Ian Watt Arnaud**

VMB Ingeniería Estructural

President of the board of AICE Chile

- Use of fluid viscous dampers in new buildings in Chile: the example of the Amunategui building in Santiago, Chile.

18.00 - 19.00 CEST

**Tobia Zordan**

BOLINA Ingegneria

Chairman of CEN Technical Committee on Anti-seismic Devices (CEN-TC340)

- Seismic retrofit of an industrial building in Imperia (Italy) with Buckling Restrained Axial Dampers (BRAD®) and fluid viscous dampers.

*Note: CEST is the Central European Summer Time, i.e. UTC+2*

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