



dciv Dipartimento di
Ingegneria Civile



Risk and Sustainability
*in Civil, Architectural and Environmental
Engineering Systems*



PHD WEBINAR

40 YEARS OF SEISMIC ISOLATION AND ENERGY DISSIPATION IN ITALY

With:

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PhD, Research & Development Department, FIP MEC srl

3 JULY 2020 | 10.15-12.30

To join **zoom meeting** click on the link below:

<https://zoom.us/j/94386815464?pwd=N3ZLVldjY2ZnVtIxaWk2c2NYZy94UT09>

Meeting ID: 943 8681 5464

Password: 5f4xkD

Seismic isolation in Italy started in viaducts in the seventies and for the first two decades most Italian isolated structures were bridges and viaducts. Seismically isolated buildings were quite few in Italy until 2003, when the new standard (OPCM 3274) following the tragedy of 2002 San Giuliano's earthquake removed the need of approval from the Board of Public Works for projects of seismically isolated structures and introduced specific chapters on their design. The use of seismic isolation increased after 2009 L'Aquila earthquake, both in bridges and in buildings.

The webinar shortly describes the main types of anti-seismic devices, both seismic isolation and energy dissipation devices. Examples of use in bridges, buildings and other structures are given for each type of device.