



Dipartimento di Strutture per l'Ingegneria e l'Architettura (DiSt)

Within the **PhD Course Structural Engineering, Geotechnics and Seismic Risk** and in collaboration with the **PhD Program on Security, Risk and Vulnerability of University of Genova**

17-18 and 20-21 July 2023

Prof. Marco Di Ludovico (University of Naples Federico II)

Prof. Serena Cattari (University of Genova)

Prof. Ciro Del Vecchio (University of Sannio)

will held a **Blended Short Course** (16 hours):

Seismic Losses and Consequences

- MODULE I (July 17th, 14:30-18:30) - *Marco Di Ludovico* and *Serena Cattari*: Seismic loss assessment: basics on fragility and consequence functions
- MODULE II (July 18th, 14:30-18:30) - *Marco Di Ludovico*: Empirical approach: experience of damage assessment and recovery policies from L'Aquila 2009 earthquake
- MODULE III (July 20th, 14:30-18:30) - *Marco Di Ludovico* and *Ciro Del Vecchio*: Seismic loss scenarios accounting for direct and indirect costs – Actual repair costs using the FEMA P-58 methodology
- MODULE IV (July 21st, 9:30-13:30) - *Serena Cattari*: Critical issues on the development of fragility curves and risk analyses

PhD students who will sustain and pass the **final exam**
will be awarded **2 ECTS**

Registration has to be addressed to phd.dist@unina.it

Classroom **Manfredi Romano** (via Claudio 21, building 6, 1st floor)