



## *DiSTAR PhD school Short Course* **Geology of Earthquakes**

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DiSTAR, University of Naples

**Where:** Room GEO06, DiSTAR, Complesso Universitario Monte Sant'Angelo,  
Via Cintia 21, 80126 Napoli.

**Also on Microsoft Teams:**

To attend online, send an e-mail message to [luigi.ferranti@unina.it](mailto:luigi.ferranti@unina.it)

**When:** January 18-19-20, 2022; hr. 11-13; 15-17

**Agenda:**

Day 1: Mechanics of earthquakes and faulting

Mechanics of faulting

Architecture and rheology of fault zones

Mechanics and phenomenology of earthquakes

Day 2: Active faults and paleoearthquakes

Active faults and seismogenic sources: continental and submarine

Characterizing Active faults and earthquake rates: Paleoseismology,

Archeoseismology, Speleoseismology

Active faults parameters and seismic hazard

Day 3: Seismotectonics

The seismic cycle

Active stress field and its measure

Seismotectonics of transcurrent, extensional and contractional tectonic belts

The seismotectonic of Italy