



Contribution ID: 26

Type: **Talk**

A summary of seismic data analyses at the ET candidate site in Sardinia (Italy)

Wednesday, 10 November 2021 09:00 (15 minutes)

Almost ten years after the first seismic measurements at the Sos Enattos mine, the characterization of the seismic noise wavefield at the ET candidate site in Sardinia has progressed considerably. In this talk, I present a summary of the main results from the active and passive seismic surveys conducted thus far. Particular emphasis is put on those parameters which are most relevant to the thorough modeling of Newtonian Noise (NN), such as surface / underground spectral ratios, wavefield composition, surface-wave dispersion characteristics. Finally, I conclude by outlining some further elements which are required for an improved understanding of wave propagation throughout the target media.

Primary author: Dr SACCOROTTI, Gilberto (Istituto Nazionale di Geofisica e Vulcanologia)

Presenter: Dr SACCOROTTI, Gilberto (Istituto Nazionale di Geofisica e Vulcanologia)

Session Classification: Newton Noise Studies