



# 1<sup>st</sup> Earth Sciences webinars cycle

Frontiers in Geosciences hosted @UniPG

**Emanuele Forte** Università di Trieste



*A powerful tool for multiscale rock mass characterization:  
the Ground Penetrating Radar*

November 25, 5 p.m.

Department of Physics and Geology University of Perugia



Emanuele Forte is associate professor in applied geophysics at the Mathematics and Geosciences Department of the Trieste University. Research activities focus on geophysical applications to geology, archaeology, glaciology, environmental problems engineering and hydrogeology and include: shallow geophysics, geophysical data integration, GPR data processing and algorithm implementation, high-resolution reflection seismic, signal attributes, shallow water Electrical Resistivity Tomography, geophysical data integration and cross-validation. He was involved in several acquisition surveys and international expeditions in Antarctic, Austria, Croatia, Egypt, France, Germany, Greece, Israel, Malta, Peru, Slovenia, Switzerland and Turkey. He took part in the 30th and 33rd Italian Antarctic Expedition (2014 and 2017), respectively within the projects PNRA\_2013/AZ1.05 At the moment is Principal Investigator of the PNRA project (2019-2020) Interactions between permafrost and ecosystems in Continental Antarctica – IPECA.

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