



Evandro Balbi

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Education and training

2016

BSc degree in Earth Science

Petrography and evolution of alpine pseudotachylyte in eclogitic peridotites and gabbros as evidence of intermediate depth earthquakes - 110/110 with honours

University of Genoa - Genoa - IT

2019

MSc degree in Earth Science

Cenozoic exhumation of the Mountaineer Range Transantarctic Mountains (Northern Victoria Land Antarctica) new constrains from AHe data - 110/110 with honours

University of Genoa - Genoa - IT

Academic experience

2019

Attendance of Erasmus+ Project for Traineeship

University of Bremen - Bremen - DE

Apatite (U-Th-Sm/He) Thermochronology sample preparation measurements and dating data interpretation and preparation of geological evolutionary model

2019 - 2020

Scholarship holder

University of Genoa - Genoa - IT

Application of interferometric analysis on SAR images (InSAR) in order to detect and quantify earthquakes deformations subsidence and slow-moving landslides.

2020 - ONGOING

PhD student

University of Genoa - Genoa - IT

Geodynamic modelling of Mars as key analogue of terrestrial exoplanets through geological geophysical and remote sensing techniques

Language skills

Italian

Mother tongue

English

Independent

Research interests

I'm interested in Planetary Geology and more generally in all the Planetary Sciences. In the course of my studies I began to particularly appreciate the wide multidisciplinary approach of this discipline that enables relations with several other scientific figures. In particular, in my PhD project I'm applying structural analysis of the planetary surface of Mars and seismological analysis of its interior allowed by the most recent missions. Among my interests there are also the exoplanets and in particular the rocky ones and I'm very grateful to be part of an interdepartmental partnership between geologists and physicists focused on a better comprehension of these objects and of our own Solar System.