

ETNA INTERNATIONAL TRAINING SCHOOL OF GEOCHEMISTRY

SCIENCE MEETS PRACTICE



The **Etna International Training School of Geochemistry** is hosted in Mt. Etna (Italy) at the “*Osservatorio Vulcanologico Pizzi Deneri*”, from **30 July to 4 August of 2018**. It is addressed to **MSc holders, PhD students and postdoctoral researchers**. Its main aim is to bring together the next generation of researchers, active in studies concerning geochemistry, and to introduce them with innovating direct sampling and remote sensing techniques. The Training School is going to keep a low-cost philosophy, providing students with a unique field experience supported by a group of expert teachers in a spectacular volcanic scenery. Furthermore, it gives young scientists an opportunity to experiment and evaluate new protocols and techniques to be used on volcanic fluid emissions covering a broad variety of methods.

Location



The “*Osservatorio Vulcanologico Pizzi Deneri*”, one of the most important monitoring site of the INGV of Catania - [Osservatorio Etneo](#), was built on the rim of the Ellittico caldera, in the base of the North-East crater at an altitude of 2,850 m a.s.l., near the Valle del Leone. The Pizzi Deneri observatory is a unique place close to the top of the most active volcano of Europe.

Main topics



Direct sampling and remote sensing:

- plume (e.g. MultiGAS)
- fumaroles (e.g. Giggerbach bottles)
- diffuse gases (e.g. accumulation chamber)
- SO₂ cameras
- DOAS, FTIR



2016



2017



Scientific Committee

- *Sergio Calabrese*, University of Palermo (Italy)
- *Franco Tassi*, University of Florence (Italy)
- *Nicole Bobrowski*, Max Planck Institute for Chemistry (Germany)
- *Giovannella Pecoraino*, INGV of Palermo (Italy)
- *Giovanni Giuffrida*, INGV of Palermo (Italy)
- *Salvatore Giammanco*, INGV of Catania - Osservatorio Etneo (Italy)
- *Kyriaki Daskalopoulou*, University of Palermo/Athens (Italy/Greece)
- *Fatima Viveiros*, IVAR - University of the Azores (Portugal)

Organizing Committee

- *Marcello Bitetto*, University of Palermo (Italy)
- *Luciana Randazzo*, University of Calabria (Italy)
- *Giancarlo Tamburello*, INGV of Bologna (Italy)
- *Salvatore Consoli*, INGV of Catania - Osservatorio Etneo (Italy)
- *Massimo Cantarero*, INGV of Catania - Osservatorio Etneo (Italy)
- *Stefania Venturi*, University of Florence (Italy)
- *Francesco Capecciacci*, University of Florence (Italy)
- *Jonas Kuhn*, University of Heidelberg (Germany)

Application Information

The cost of the school per person is 300€, which includes: inscription fees, accommodation (5 nights); meals and transportations (from Catania to the observatory and back; field activities). The price does not include air fare to and from Catania (Italy). In the interest of providing the best possible training and due to limitation of space in the Observatory, we can only accept a limited number of participants (max 16 participants). In due time the second circular along with information about the registration will be published (middle of March). Successful applicants will be notified in the middle of May.

Extra details will be given in the following web site:

<https://sites.google.com/site/etnapizzideneri/>

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<https://www.facebook.com/groups/410040556001074>

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