

# 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 24 to 29 July of 2017. It is addressed to MSc holders, PhD students and postdoctoral researchers. Aim of the training school is to bring together the next generation of researchers who are active in studies concerning the geochemistry and to introduce them with innovating direct sampling and remote sensing techniques.

The International Training School of Geochemistry, following a low-cost philosophy, aims to provide the students 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 “**Volcanological Observatory of Pizzi Deneri**” 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. It lies in a strategic location making it one of the most important sites of the INGV - Osservatorio Etno for monitoring; geophysical and volcanological research. In other words, the Pizzi Deneri observatory is a unique place close to the top of the most active volcano of Europe.



Previous year



### Main topics



#### Direct sampling and remote sensing:

- plume (e.g. MultiGAS)
- fumaroles (e.g. Gigge's bottles)
- diffuse gases (e.g. accumulation chamber)
- SO<sub>2</sub> cameras
- DOAS, FTIR



### 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)

### Organizing Committee

- *Kyriaki Daskalopoulou*, University of Palermo/Athens (Italy/Greece)
- *Marcello Bitetto*, University of Palermo (Italy)
- *Luciana Randazzo*, University of Palermo (Italy)
- *Giancarlo Tamburello*, INGV of Bologna (Italy)
- *Stefania Venturi*, University of Florence (Italy)
- *Francesco Capecchiacci*, University of Florence (Italy)
- *Jonas Kuhn*, University of Heidelberg (Germany)

### Application Information

The cost of the school per person is 300€, which includes: fees; accommodation (5 nights); meals and transportations (Catania – observatory and back; field activities). The price does not include air fare to 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). A selection process will be undertaken. In due time the second circular along with information about the registration will be published (beginning of April). Successful applicants will be notified by mid-May.

Extra details will be given in the following web site:  
<https://sites.google.com/site/etnapizzideneri/home>

Feel free to become a member of our group:  
<https://www.facebook.com/groups/410040556001074>