



International School of Volcanology

Working on an active volcano:
learning the tools of modern volcanology

(Field measurements, instruments, data acquisition and processing)

June 15 – June 22, 2019: Stromboli (Messina)

SECOND CIRCULAR

Organizing Committee

Maurizio Ripepe (University of Florence)

Takeshi Nishimura (Tohoku University)

Patrizia Landi (INGV Pisa)

Andrew Harris (Université Clermont Auvergne)

Marco Pistolesi (University of Pisa)

Website: www.aivulc.it

IMPORTANT DATES

Dead line for registration is **20th April 2019**.

E-mail Registration Forms (available at www.aivulc.it) to school@aivulc.it.

Confirmation of acceptance will be given by **May 5th**.

Payment is due **May 15th, 2019**.

PRELIMINARY SCHOOL PROGRAM

> First day - Saturday 15 June

Arrival on Stromboli from Naples and/or Milazzo during the morning

Welcome, settle in; introduction sessions in the afternoon

(Ice-Breaker)

> Second day – Sunday 16 June

School day 1: General Volcanology & Field Activity at Sciara del Fuoco

(Observation of Explosive Activity from Labronzo)

> Third day – Monday 17 June

School day 2: Introduction to Volcano Geophysics & Instruments

> Fourth day – Tuesday 18 June

Field day I: Multiparameter Field Experiment – Deployment

(Deployment of the Seismic and acoustic station at the summit)

> Fifth day – Wednesday 19 June

School day 3: Introduction to Volcano Geochemistry

(Boat trip around Stromboli, Tsunami System and explosions from the sea)

> Sixth day – Thursday 20 June

Field day II: Multiparameter Field Experiment – Deployment & Retrieval

(Deployment of Thermal & UV cameras; Observation of explosive activity at night)

> Seventh day – Friday 21 June

School day 4: Invited Speaker, Report preparation and Data processing

> Eighth day - Saturday 22 June

School day 5: Student Project Work & Risk Management

(Social Dinner)

CONTRIBUTORS

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GENERAL INFORMATION

1. Language

The official language will be English.

2. Registration Fees

The €390 registration fee covers accommodation (8 nights), meals (5 dinners), social dinner, boat trip, and course materials. There will also be a fee of €15 for AIV membership. Students are responsible for their own breakfast and lunch (+ evening picnics)

3. Payment

Conditions of payment will be communicated in the acceptance form sent to admitted participants.

4. Accommodation

Accommodation will be in triple or quadruple rooms in Casa del Sole Hotel.

Those with special accommodation requirements are kindly requested to inform the Organizing Committee at school@aivulc.it

Lessons will be held in the COA Center (COA: Centro Operativo Avanzato) on Stromboli.

5. Check-in

Registration and the welcome reception will start at 6:30 am on Saturday, June 15th; this being the arrival time of the first car ferry (more information will be provided once admission is confirmed).

6. Travel

Most international travellers reach Stromboli island from Catania (Sicily) or Naples (Campania). An overnight ferry connects Naples to Stromboli (*car ferry*: <https://carontetourist.it/it/siremar>). There is a local bus from Catania airport to Milazzo harbour (<https://giuntabus.com>) or a private taxi service (<http://www.alibrando.net/en/book-your-transfer/>). Hydrofoil and ferry services connect Milazzo to Stromboli (*hydrofoil*: <https://www.libertylines.it/orari-tariffe.php>; *ferry*: <https://www.traghettilines.it>).

7. Clothing

Participants must have the equipment normally used by geologists to work on volcanoes. Suitable mountain boots are mandatory. Enough clothing adequate for any weather changes, jacket for cold conditions (in the evening, it can be fairly cold at the top of the volcano), wind-proof and rain-proof jacket, gaiters, sun glasses, sun hat/cap and sunscreen are also necessary. Swimming or ski goggles are useful in the event of high winds which can carry ash, plus a torch/head lamp and batteries.

8. Number of participants

Maximum number of participants admitted: 20

9. Selection Criteria

Should the registration requests exceed the 20 places available, the organising committee will make a selection on the basis of scientific resume.

The candidate / applicant must meet at-least one of the following criteria:

- Have a basic knowledge in the principles of geophysics, geochemistry, petrology, remote sensing and physical volcanology, and their application to constrain volcano eruption dynamics
- Be currently in, or preparing for a future in, volcano surveillance **and/or** hazard assessment / risk analysis / disaster management

All participants must also:

- Be at the master's, PhD, post-doc or early career scientist (within 5 years of PhD) level
- Have a level of English sufficient to allow participation in discussions within a multicultural and multilingual group (applications must be in English)

These requirements must be met through a one page statement of interest supported by a two pages CV that demonstrates that the qualification criteria are met. The CV must include a listing of all courses taken (and level: undergraduate, master's, PhD, summer school...), field work completed and course supervisors. The candidate must also complete a statement as to level of fitness, which needs to be suitable to complete a 1000 m ascent in about 3 hours (and still be able to work).

For further information please contact the Organizing Committee at school@aivulc.it