



The Abdus Salam
**International Centre
 for Theoretical Physics**
 www.ictp.it



Advanced School on

Physics of Volcanoes

17 - 21 October 2016

Miramare, Trieste, Italy

The aim of this school is to focus on the state of the art in the physics of volcanoes in order to give participants a better understanding of the physical and tectonic processes related to volcanoes and the associated hazards.

The topics of the school are:

- Physics of magma migration, storage and volcanic unrest
- Magmatic processes within continental and oceanic rift zones
- Volcano seismology and analysis of seismicity to understand distinct volcanic processes
- Ground deformation and magma movements and eruptions
- Stress field around volcanoes and impact on magma dynamics
- Mechanics of magma reservoirs
- Volcano-earthquake interaction

The topics will be covered using a combination of theoretical, numerical and experimental approaches. The importance of integrating observations and field data with theoretical and modeling results will be highlighted.

GRANTS

The school is intended for PhD students and postdocs working in these topics.

A limited number of grants are available to support the travel and living expenses of selected participants, with priority given to PhD students and early career scientists working in a developing country.

There are no registration fees.

How to apply for Participation:

The on-line application form can be accessed at ICTP activity website:

<http://indico.ictp.it/event/7622>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form. Please send all file attachments in Word or PDF format.

Contact Information:

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and to be announced on the website

APPLICATION DEADLINE

14 August 2016

