



The Abdus Salam  
International Centre  
for Theoretical Physics



# Volcanic Processes: a Variety of Length and Time Scales

## Description:

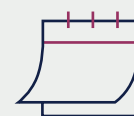
This conference aims to be a platform where young African scientists will have the opportunity to rub shoulders with global experts on physical processes at all length and time scales. The conference will cover a wide range of topics related to volcanic processes from the subsurface to the atmosphere to volcanic particles and soils using a physical lens.

## TOPICS WILL INCLUDE:

- Multiphase flows
- Theoretical and numerical modelling of subsurface magma propagation
- Volcanic-induced seismic signals and surface displacement analysis
- Volcanic emissions dispersion modelling
- Volcanic lake dynamics
- Soil particle-water interactions
- Relationships between volcanic eruptions - climate - volcanic environment and health

## SPEAKERS:

\*List of Speakers to be announced soon.



**1 - 5 September 2025**



**Kigali, Rwanda**



**Deadline:  
15 May 2025**

## DIRECTORS:

Laurent Charlet, ISTerre, Grenoble IRD, France  
Antonio Costa, INGV, Italy  
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## FURTHER INFORMATION:

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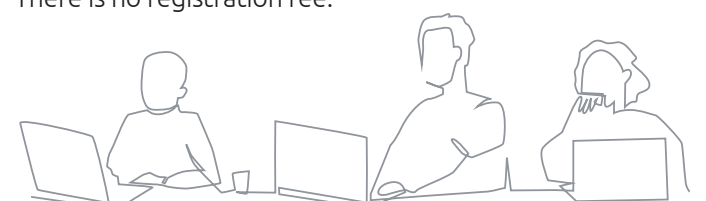


Web: <https://indico.ictp.it/event/10862/>

Female scientists are encouraged to apply

## GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.



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DI GEOFISICA E VULCANOLOGIA

