

IASPEI/IAVCEI Joint Commission '*Volcano Seismology*'
in co-operation with
ESC Working Group
'*Seismic Phenomena Associated with Volcanic Activity*'

**“Comparing and Testing Different Models for
Volcano Seismicity“
November 17th-21st 2014, Leitrim, Ireland**

Scientific programme

Over the last few years volcano seismologists have created a large variety of models which are used to interpret seismic data in terms of volcanic processes. These models are based on different data sets from different volcanic settings recorded on a variety of seismic sensors. While physical models are neither completely right nor wrong, their usefulness for pure research purposes or in an operational mode might differ considerably. During this workshop we aim to compare these models in terms of their applicability, their limitations and their employability for different conditions and settings. Hence, discussion topics will include: source models for VTs, LPs and VLPs, tremor; locating events, separation of source and path effects (e.g. impact of topography and scattering).

This is a workshop not only for volcano seismologists, but for any volcanologist who can provide the necessary modelling constraints from geology, petrology and geochemistry, and who wants to have some deeper understanding of the seismologist's toolkit.

All participants are expected to give a talk (approx 15-30 minutes). The meeting will have an informal structure and will include ample time for one-on-one or group discussions.

Each participant is also encouraged to bring a relevant poster to stimulate discussion. These can be from previous/recent meetings but please limit it to one poster per person and A0 size.

Accommodation & meeting venue

The meeting will take place in Lough Rynn Castle, Co. Leitrim, Ireland. www.loughrynn.ie The hotel has full conference facilities including Wifi and broadband connection in the bedrooms. *Accommodation is limited so please return your application form as soon as possible.*

Transport

Transport will be arranged on Monday, November 17th from Dublin City Centre to Lough Rynn at approximately 11.00am (please include your arrival and departure time in your application form so we can coordinate the transport efficiently). The venue is 1hr 45mins from Dublin city.

Return transport on Friday 21st will also be arranged from Lough Rynn to Dublin city, via Dublin airport. Approximate arrival time at Dublin airport will be 11.00am.

Public transport from Dublin to Lough Rynn is possible, though from a logistical point of view this is not recommended. If you are unable to attend the meeting from Monday to Friday but would like to participate, please contact Dr Aoife Braiden (geophysics@ucd.ie) and she will help with alternative travel arrangements.

Registration & payment

To register for the meeting, please complete the application form and return it to Aoife at geophysics@ucd.ie . The registration fee will cover: accommodation for 4 nights, transport (Dublin city centre to the venue and return to Dublin via the airport), all meals, conference facilities and an evening reception.

Prices: Single occupancy is €650 per person/week; Sharing is €530 per person/week

Your reservation will be confirmed and receipts will be issued once your payment is received. Payment must be transferred by **October 24th** 2014 at the latest to the following account:

A/c name: SPICE Project Bank: AIB Bank, UCD IBAN: IE69AIBK93015618693192 SWIFT/BIC: AIBKIE2D

*Please include your name as
the reference*

Dietary requirements/disabilities

If you have any dietary requirements or disabilities please include the information in your application form and we will facilitate you as best we can.

Bruno Martinelli Travel Grant

Applications can be submitted via the usual link on the main webpage.

Keeping to the tradition

Participants are encouraged to bring a bottle of wine (or other typical beverage) from their countries[£] to share at a social wine testing session during the workshop.

[£] Participants from the UK can also refer to former colonies!

Convenors

Chris Bean, Ivan Lokmer, Jurgen Neuberg, Roby Carniel

Local organising committee

Aoife Braiden, Chris Bean, Ivan Lokmer



FUTUREVOLC This meeting is supported by UCD and the Futurevolc Project www.futurevolc.hi.is

