

# EXPERT GROUP ON ANTARCTIC VOLCANISM (ANTVOLC)



## Kickstart workshop - INGV Sezione di Catania

3<sup>rd</sup>-5<sup>th</sup> July 2015

### SCIENTIFIC PROGRAM

**Conveners:** M. Pompilio (INGV Pisa, Italy) and J. Smellie (Leicester University, UK)

#### July 3<sup>rd</sup> – Friday

17:00 - Short welcome-Icebreaker Informal presentation of the group, Visit to the monitoring room of INGV-CT; Posters Exposition

#### July 4<sup>th</sup> Saturday

9:00-9:15 Welcome (Director INGV-CT and/or President INGV) and general introduction  
(M. Pompilio INGV Pisa - Italy)

9:15-10:00 Review of Antarctic volcanism - physical volcanology & paleoenvironmental aspects  
(J. Smellie – Leicester University - UK)

10:00-10:30 Overview of Cenozoic Volcanism: A petrological perspective  
(K. Panter - Bowling Green State University - USA)

10:30-11:00 Antarctic Volcanism: An overview of tephrochronological studies  
(N. Dunbar - New Mexico Tech - USA)

11:00-11:15 *Coffee Break*

11:15-11:45 Cenozoic Magmatism-Tectonics-Geodynamics in Antarctica  
(S. Rocchi – University of Pisa - Italy)

11:45-12:15 Volcano Monitoring at Mt. Erebus  
(W. McIntosh New Mexico Tech - USA)

12:15-12:45 Volcano Hazard at Deception Island  
(A. Geyer CSIC Barcelona - Spain)

12:45-14:30 *Lunch*

14:30-16.30 General discussion and planning of future activities

16:30-16:45 *Coffee Break*

16:45-18:00 General discussion on the group organization

18:00-18:30 General conclusions

#### July 5<sup>th</sup> Sunday

7:30 - Late afternoon - Field trip on Mt. Etna

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*Organising committee:*

A. Cannata, M. Cascone, S. Gambino, E. Privitera, G. Salerno, L. Spampinato - INGV Catania;

P. Del Carlo, P. Pantani, A. Di Roberto - INGV Pisa;

C. Ferlito - University of Catania.