

1866-2016



NEMO International Conference

Probing the Santorini volcano for 150 years

Διεθνές συνέδριο NEMO

150 χρόνια μελέτης του ηφαιστείου της Σαντορίνης

Conference Venue: Bellonio Cultural Center, Fira

Conference Program

Thursday, 3 November 2016

- 08.30 - 09.15 Registration
- 09.15 - 09.30 Opening - Officials
- 09.30 - 09.45 **Welcome addresses** by the Conference Co-Chairmen:
Dr Vougioukalakis G., Institute for Geology and Mineral Exploration, Greece and Prof. Em. Tzachili I., University of Crete, Greece
- 09.45 - 10.00 **Introductory Speech** by the Conference Honorary Chairman:
Prof. Em. Doumas C., University of Athens, Director of the Akrotiri Excavations, Greece
- 10.00 - 11.30 **Session 1**
- The Earth Science journey, the evolution of Ideas from 19th century to present**
Pavlidis S. B., Aristotle University of Thessaloniki, Greece
- The evolution of ideas in volcanology, Santorini volcano and Ferdinand-André Fouqué contribution**
Vougioukalakis G., Institute for Geology and Mineral Exploration, Greece
- "I saw curious things ... marble figurines, which announce the infancy of art": the story of prehistoric archaeology of the Cyclades before the first excavations on Therasia and Thera in 1866-1867**
Karadimas N., PhD in Prehistoric Archaeology, Greece
- From deep structure and active tectonics, to the earthquake hazard of Santorini: What have we learned over the last 45 years**
Papazachos C., Khallas Ch., Skarlatoudis A., Aristotle University of Thessaloniki, Greece and Vougioukalakis G. Institute for Geology and Mineral Exploration, Greece
- New insights into the late-Bronze-Age eruption of Santorini**
Druitt T.H., Blaise Pascal University-CNRS, Clermont-Ferrand, France, Athanassis C., National Technical University of Athens, Greece, Cadoux A., University of Orléans - CNRS, Orléans, France, Costa F., EOS, Nanyang

Technological University, Singapore, Deloule E., CRPG - CNRS, Vandoeuvre les Nancy, France, Flaherty T., Mercier M., Blaise Pascal University-CNRS, Clermont-Ferrand, France, Nomikou P. University of Athens, Greece and Scaillet B., University of Orléans - CNRS, Orléans, France

11.30 - 12.00 Coffee break

12.00 - 14.00 **Session 2**

Atmospheric impact of the Bronze-Age 'Minoan' eruption of Santorini Volcano

Cadoux A., University of Orléans - CNRS, Orléans, France, Bekki S., University Paris 6, LATMOS-IPSL, France, Scaillet B., University of Orléans - CNRS, Orléans, France, Oppenheimer C., University of Cambridge, United Kingdom and Druitt T.H., Blaise Pascal University-CNRS, Clermont-Ferrand, France

New light on the Minoan eruption of Santorini, Greece

Friedrich W.L., Aarhus University, Denmark, McCoy F.W., University of Hawaii, USA, Fytikas M., Pavlides S., Aristotle University of Thessaloniki, Greece, Højen Sørensen A., Aarhus University, Denmark and Katsipis S., Gymnasium of Emporion, Santorini, Greece

Volcanic transformations and manmade activity in Therasia

Sbonias K., Ionian University, Corfu, Tzahili I., University of Crete and Efstathiou M., Ephorate of Antiquities of Cyclades, Greece

Post-caldera volcanism on Santorini, Greece

Pyle D.M., University of Oxford, UK, Nomikou P., University of Athens, Greece, Parks M. and Mather T., University of Oxford, UK

The Santorini's volcano between the sciences and the state: Bringing together various interests in scientific researches and state policies, 1866-1870

Mergoupi Savaidou E., Hellenic Open University, Greece

The 1866 eruption of Santorini: contributions to the bases of petrography and petrology of igneous rocks

Francalanci L., University of Florence, Italy

A jump from the past (the 1866 eruption) to the future (the 2011-2012 volcanic unrest): the lesson learned from the Santorini gas discharges

Vaselli O., University of Florence, Italy

The 1888-90 eruption of Vulcano Island (Italy): eruptive dynamics reconstruction from geology and historical chronicles

Sulpizio R., IAVCEI Secretary General, University of Bari, Italy

14.00 - 15.00 Light lunch

Session 3

15.00 - 17.00 **Illustrating the 1867 Thera eruption**

Palyvou C., Aristotle University of Thessaloniki, Greece

The representation of the eruptions of Santorini (Greece) and Etna

**(Italy) in the second half of the 19th century in studies by
Ferdinand-André Fouqué and Orazio Silvestri**

Abate T., University of Paris, France and Branca S., National Institute of
Geophysics and Volcanology, Etna Observatory, Italy

**The Fira fault through the France expedition de Moree (1829-38)
to modern scientific approach**

Pavlidis S., Chatzipetros A. and Kaklis A., Aristotle University of
Thessaloniki, Greece

**Santorinis' hot springs. 180 years of study by the Greek State,
from Prof. X. Landerer to Institute of Geology and Mineral
Exploration (I.G.M.E.)**

Kanelopoulos Ch. and Vougioukalakis G., Institute for Geology and Mineral
Exploration, Greece

**A Sea-level Influence on Aegean Explosive Volcanism? Evidence
from a new, integrated volcanic stratigraphy**

Satow C., Miles A., Lambert-Smith J., Kingston University, UK, Hardiman
M., University of Portsmouth, UK, Grant K. and Rohling E., Australian
National University, Australia

Akrotiri – Ancient Thera: Two cities built on the same volcano

Bitis I., Architect, Greece

Santorini, from myth to reality

Bosineki Didoni P., Architect, Greece

17.00 - 17.30 Coffee break

17.30 - 18.00 The French School in Athens and the Santorini Island

Farnoux A., Director, French School in Athens, Greece

18.00 - 19.00 Discussion

20.30 Conference Dinner

Friday, 4 November 2016

09.30 - 12.00 Guided Visit of the Akrotiri Archaeological Site

12.30 - 14.00 Guided Visit of the Museum of Prehistoric Thira, in Fira

14.00 - 15.30 Lunch

Saturday, 5 November 2016

10.00 - 14.00 Boat tour of the caldera. Guided visit of the Volcano.

Note: Presentations will be in English language

Last update: 27 October 2016