

PhD School

EXPLORING FOR GEO-ENERGY IN MAGMATIC PROVINCES AND SEDIMENTARY BASIN MARGINS.

8-18 September 2021 - Tuscany and Piedmont (Italy)

Program:

08.09.2021 – Depart from Geneva to Larderello (Tuscany) – Departure planned at 8:00 am

09.09.2021

- Morning: Visit to Parco delle Biancane, where natural geothermal manifestations are exposed
- Afternoon: Visit to Geothermal Power Plant and Demonstrator well
- Tasting of food products made using geothermal energy

10.09.2021

- Morning: The Boccheggiano Fault, an exhumed expression of hydrothermal fluid flow in fault structures
- Afternoon: The Gavorrano granitic intrusion, evidence of contact metamorphism with the carbonate sequence

11.09.2021: Depart to Elba Island

- The Monte Capanne Complex, its geodynamic evolution and associated hydrothermal activity

12.09.2021:

- Zuccale Fault, Barbarossa beach and Terranera lake. Hydrothermal process associated with extensional faulting and mineralizations

13.09.2021:

- The Rio Marina mine and its hydrothermal ore deposits associated

14.09.2021:

- Morning: Depart to Acqui Terme / Bubbio area (Piedmont)
- Afternoon: Introduction to the Ligurian Apennines and their regional context.

15.09.2021

- Overview of the Liguro-Piedmont Tertiary Basin area (LPTB) and introduction to the “Exploration Team Game”: Hydrocarbons vs Geothermal
- The Petroleum Play elements of the LPTB: marginal marine to deep water reservoirs

16.09.2021

- The Petroleum Play elements of the LPTB: deep water and carbonate reservoirs
- The Acqui Terme Hydrothermal system

17.09.2021

- “Exploration Team Game” Home work

18.09.2021:

- “Exploration Team Game” Final Presentations and Awards
- Depart to Switzerland - arrival in Geneva planned for 18h

Contact persons:

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IMPORTANT INFORMATION

- Subscription opens until: 31.07.2021
- Number of participants limited to 16
- Accommodation in hotel/B&B double room, Dinner included in the subscription fee
- Transport by 9-seat minibus
- Departure and Arrival from/to Dept of Earth Sciences, UNIGE, 13 Rue des Maracihers 1205 Geneva.

