

**So.Ge.I. Geode & CVL-IAVCEI
Summer School
Lago Albano
29 August - 2 September 2022**



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DST
DIPARTIMENTO DI
SCIENZE DELLA TERRA



**IAVCEI Commission on Volcanic Lakes (CVL) with
Società Geochimica Italiana (So.Ge.I.)
and Geode naturalistic association
welcome you to the
2nd Summer School on Volcanic Lakes
at Lago Albano, Rome, Italy**

SCOPE OF THE SCHOOL

The school is addressed to MSc holders, PhD students and Postdoctoral researchers. Its main aim is to bring together the next generation of researchers, active in studies concerning geochemistry, limnology, biology and volcanology, and to introduce them to the methodological approaches that can be used to investigate volcanic lakes under a multidisciplinary umbrella.

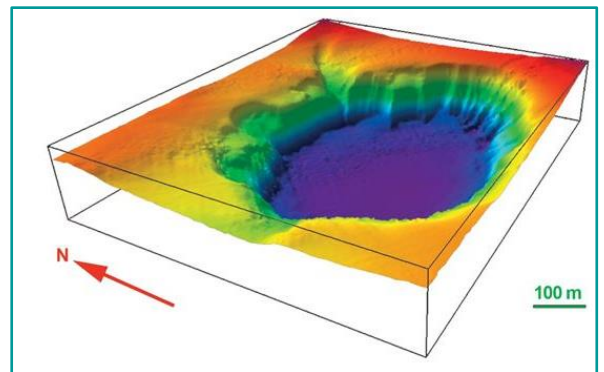
In situ measurements of physical-chemical parameters and collection of samples for chemical and biological lab analysis will be carried out on a boat at the deepest volcanic lake in Italy, i.e. Lago Albano, located along the western slopes of the Colli Albani volcano.

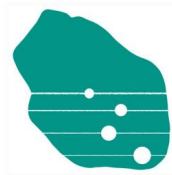


LAGO ALBANO

The lake is hosted within a 3.4×2.3 km elliptical-shaped maar and has a surface area of about 60×105 m² and a water volume of 450×106 m³. The lake water level of Lago Albano was characterized by significant changes during the historical past and was likely affected by rollover events caused by the injection through the lake bottom of volcanic gas-rich fluids.

The lake SE sector shows steep walls down to the maximum depth of ~ 167 m, a morphological feature that strongly favors water stratification. Deep lake waters are characterized by the presence of a significant reservoir of extra-atmospheric dissolved gases mainly consisting of CH₄ and CO₂.





ACCOMODATION



HOTEL MIRALAGO



Hotel Miralago & Ristorante Donna Vittoria

Via dei Cappuccini, 12
Albano Laziale (Roma)

Coordinate GPS: 41.731913 – 12.674218

Phones: 06 9321018 • 06 9322253
Fax: 06 9320469

E-mail: info@miralago-hotel.it

LECTURES AND DISCUSSIONS

The main themes of the school will be introduced by lectures*:

Colli Albani Volcano and Lago Albano introduction

General introduction to volcanic lakes

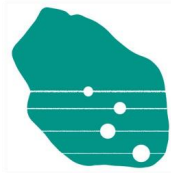
Sampling and measurement techniques

Bio-activity in volcanic lakes

Lakes microbial communities

*The final program will be available with the second circular...





TIME SCHEDULE

Monday 29 August:

Arrival at Hotel Miralago (16:00-17:00)

Icebreaker (19:00-20:00)

Dinner (20:30)



Tuesday 30 August:

Breakfast (08:00)

School presentation (09:00-09:30)

Lectures and discussions (09:30-13:00, with coffee break)

Lunch (13:00-14:30)

Lectures and discussions (14:30-18:30, with coffee break)

Dinner (20:30)



Wednesday 31 August:

Breakfast (08:00)

Field work at Lago Albano (09:00-13:00)

Lunch box at the lake' shoreline (13:00-14:00)

Field work at Lago Albano (14:00-18:00)

Dinner (20:30)



Thursday 1 September:

Breakfast (08:00)

Field work at Lago Albano (09:00-13:00)

Lunch box at the lake' shoreline (13:00-14:00)

Field work at Lago Albano (14:00-18:00)

Social dinner at Ariccia (20:30)



Friday 2 September:

Breakfast (08:00)

Round table about volcanic lakes research (09:00-10:00)

Archaeology excursion with Paolo Montanari (10:00-13:00)

Lunch box (13:00-14:00)

Departure (14:00)

HOW TO ARRIVE



BY PLANE

From [Fiumicino Airport](#): take the train to Termini station, then the train to Albano Laziale and get off the train at [Castel Gandolfo](#).

BY TRAIN

From [Termini station](#), take the train to Albano Laziale and get off the train at [Castel Gandolfo](#).*

BY BUS

COTRAL Bus:

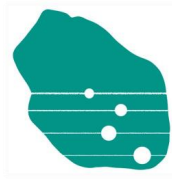
https://moovitapp.com/index/it/mezzi_publici-line-COTRAL-Roma_e_Lazio-61-870562-26804485-0

Get off the bus at the stop "[Albano -Piazza Mazzini](#)".*

BY CAR

Use your sat nav! In general, from the [A1 Roma-Napoli motorway](#) take the exit San Cesareo, [from A1 Rome-Florence motorway](#) get to the GRA (Grande Raccordo Anulare) and take the exit 23 heading towards SS7 via Appia - Albano, then follow the indications to Albano.

* A pickup service will be available for participants arriving to Lago Albano by bus (Albano) and by train (Castel Gandolfo)



REGISTRATION AND PAYMENT

The registration fee will include:

Hotel (accommodation in double room)+ lunch-boxes at Lago Albano + social dinner
Transfers to/from the lake
Boat rental
Social dinner
Archeological excursion

Registration fee:

500 euro

In the interest of providing the best possible training and due to limitation of space in the boat, we can only accept a limited number of participants.

The available positions will be **15** and are going to be dispensed to applicants of all levels.

Major selection factors will include:

- curriculum vitae;
- statement of interest (500-1000 words);
- abstract of the ongoing research (500-1000 words);

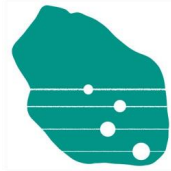
You are requested to fill the form at:

Pre-Registration LINK:

<https://forms.gle/jmKUikWXaQ1zpcBEA>

Pre-Registration deadline: 15 Apr 2022

Payment instructions and deadlines will be sent to the selected participants.



Geode
Associazione naturalistica ONLUS



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See you at Lago Albano!

...and follow Società Geochimica Italiana on

