

PHOTO: COURTESY OF PARCO DEL MONVISO

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES

Introduction to subfossil invertebrates from lake sediments: a laboratory-based



DATES

Nov 15- 17, 2021

CREDITS

2 ECTS

TUITION

€ 50 (FOR NON UNIMIB STUDENTS)

INCLUDE: ALL MATERIALS,
COFFEE-BREAKS, LUNCHES,
'APERICENA'). THE REGISTRA-
TION FEE DOES NOT INCLUDE
TRAVEL AND LIVING COSTS

APPLICATION DEADLINE

5 NOVEMBER 2021

LOCATION

MILAN

CONTACT

PROGRAM DESCRIPTION

In the age of changing climate, it is extremely important to understand and predict climate changes and to implement measures that could minimize the negative effects of human economic activity leading to a climate warming. Paleolimnology is one of the main tools used in the reconstruction of climatic conditions prevailing in the Quaternary.

The main objective of the International Autumn School is the presentation of paleoecological methods to study the sediments of lakes as well as other lentic environments. All participants are invited to join to laboratory (chemical lab and microscope lab) and learn about the usefulness of invertebrates remains (e.g., shell, head, resting egg and chitinous parts) deposited in freshwater sediments.

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www.summerschoolbicocca.com

PREREQUISITES

BACHELOR DEGREE. THE COURSE IS RESERVED TO A MAXIMUM OF 20 PARTICIPANTS

HOW TO ENROLL

YOU ARE REQUIRED TO ENROLL THROUGH THE ONLINE APPLICATION FORM. EVERY PROGRAM ON [HTTP://WWW.SUMMERSCHOOLBICOCCA.COM](http://www.summerschoolbicocca.com) HAS AN **APPLY NOW** SECTION IN ORDER TO ACCESS TO THE APPLICATION. AFTER RECEIVING THE SELECTION NOTIFICATION, YOU WOULD BE REQUIRED TO PAY THE COURSE TUITION FEE WITHIN A SPECIFIED PERIOD. PLEASE FOLLOW THE SECTION **FEES & PAYMENT** ON OUR SUMMER SCHOOL WEBSITE FOR UNDERSTANDING THE PAYMENT OPTIONS.

TOPICS COVERED

PARTICIPANTS WILL LEARN:

- THEORETICAL KNOWLEDGE ON PALEOECOLOGICAL METHODS;
- TECHNIQUES TO SEPARATE INVERTEBRATE REMAINS FROM LACUSTRINE SEDIMENTS;
- TECHNIQUES TO COLLECT REMAINS AND TO MAKE MICROSCOPE SLIDES;
- TAXONOMICAL IDENTIFICATION OF ROTIFERA, CLADOCERA, AND CHIRONOMIDAE REMAINS (CLASSIFICATION, IF POSSIBLE, DOWN TO A SPECIES LEVEL);
- BASIC TECHNIQUES OF PALEOLIMNOLOGICAL DATA ANALYSIS.

WEB-SITE

<https://summerschoolbicocca.com/21-lake-sediment.php>

IN COLLABORATION WITH:

