

# 12<sup>th</sup> International Geochronology Summer School 2021



## Dating Techniques in Environmental Research

Geochronology



August 29– September 2, 2021

Optional:

1 full day excursion September 3, 2021 (for details see webpage)

Geochronology



The Summer School is open to young researchers worldwide (PhD–students & Post–Docs)

Location: Morteratsch (Pontresina, Engadine; Switzerland)

### Dating techniques

- numerical methods (radiocarbon, exposure dating with cosmogenic nuclides, OSL, etc.)
- Dendrochronology, ice–corechronologies as well as relative methods (soil weathering, Schmidt–hammer technique, etc.)

### Reconstruction of environmental parameters

- dendroecology, stable isotopes, etc.

### Climate and landscape history

- Forest fires, charcoal identification and dating, etc.

### Reconstruction of geomorphic processes

- Avalanches, debris flow, rock fall, etc.

Participation is limited to a max. of 20 (first come, first served)

Registration fee includes full accommodation (room sharing), breakfast, lunch and dinner.

**Please note:** depending on the Covid situation we might need to adapt the school format

Registration fee: 750.– CHF (incl. full accommodation)

Deadline for application: April 30, 2021

On–line information and registration:

<http://www.geo.uzh.ch/en/units/gch/geochronologysummerschool.html>



### Organizing committee /Lecturers:

Markus Egli, Dmitry Tikhomirov (University of Zürich); Holger Gärtner, Paolo Cherubini (WSL)  
Susan Ivy–Ochs (ETH Zurich); Dennis Dahms (University of Northern Iowa)

Eileen Eckmeier (Univ. of Munich); Irka Hajdas (ETH); Evdokia Tema (Univ. of Torino)  
Natacha Gribenski (Univ. of Bern); Nathalie Dubois (EAWAG) and others