

12th International Geochronology Summer School 2020



Dating Techniques in Environmental Research



August 30 – September 3, 2020



Optional:

1 full day excursion September 4, 2020 (for details see webpage)

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-core chronologies 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

Reconstructing geomorphic processes

- Avalanches, debris flows, 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.



Registration fee: 750,- CHF (incl. full accommodation)

Deadline for application: April 30, 2020

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 (University of Zürich / ETH); 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