

# 10<sup>th</sup> International Geochronology Summer School 2018



## Dating techniques in environmental research

**September 2<sup>nd</sup> - 7<sup>th</sup>  
2018**

**Optional:  
1 full day excursion  
September 7, 2018  
(for details see webpage)**

**Geochronology**



Swiss Summer School

**Location:**

**Klosters Dorf  
Switzerland**



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

## Topics:

### 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 competitive & will be limited to a max. of 20.

The registration fee includes full accommodation (room sharing), breakfast, lunch and dinner, excursion and teaching material.

**Registration fee: 720.- CHF (incl. full accommodation)**

**Deadline for application: April 30, 2018**

**On-line information and registration:**

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



## Organizing committee / Lecturers:

Dagmar Brandova (University of Zürich); Markus Egli (University of Zürich); Holger Gärtner (WSL); Paolo Cherubini (WSL); Susan Ivy-Ochs (University of Zürich / ETH); Dennis Dahms (University of Northern Iowa)

Olga Solomina (Russ. Academy of Sciences); Rolf Kipfer (EAWAG, ETH); Irka Hajdas (ETH); Evdokia Tema (Univ. of Torino); Pierre Valla (Univ. of Bern); Nathalie Dubois (EAWAG) and others