



UNIVERSITÀ  
DI PAVIA

PhD Program in Earth  
and Environmental Sciences

**eurac  
research**

AUTONOME  
PROVINZ  
BOZEN  
SÜDTIROL



PROVINCIA  
AUTONOMA  
DI BOLZANO  
ALTO ADIGE



Istituto di Ricerca per la Protezione Idrogeologica

International Summer School within the ALPSMOTION project

## Investigating alpine permafrost dynamics from space to the field

Bolzano (Italy), 16 – 19 July 2019

Eurac Research



- ✓ Classroom lectures
- ✓ Practical exercises
- ✓ Field excursion  
in Val Senales, South Tyrol

### Main topics:

- Permafrost and rock glacier dynamics
- Approaches to monitoring permafrost activity from space and field
- SAR interferometry, Ground Based SAR, UAV, GPS
- Data analysis

### Lecturers:

**Annett Bartsch** - b.geos GmbH and Austrian Polar Research Institute, Vienna

**Karl Krainer, Christine Fey** - University of Innsbruck

**Volkmar Mair** – Autonomous Province of Bolzano

**Francesco Zucca, Aldo Bertone** - University of Pavia

**Roland Psenner, Mattia Callegari, Giovanni Cuozzo, Carlo Marin, Stefan Steger** – EURAC Research, Bolzano

**Niccolò Dematteis** – CNR IRPI, Torino & University of Pavia

**Alessandro Mondini** – CNR IRPI, Perugia

**For the detailed program: <http://phd-dsta.unipv.it/education/courses/>**

Max number of participants: **25**

Deadline for applying: **31 May 2019**

No registration fee is required

The accommodation is not included

For application send an email to:

***aldo.bertone01@universitadipavia.it***

### With the support of:



Italian Association of Physical Geography  
and Geomorphology



Italian Glaciological Committee