

Heat transfer in rock: field measurements and modelling

Workshop

For researchers, technicians, and students in
metrology, climatology, and geology.

Rockfall risk mitigation in the Alps

PRIN 2022 Project

To characterize the meteorological and geological
conditions that trigger rockfalls in the Alps, the
project proposes a metrologically driven
approach to temperature measurements in high-
elevation sites.

Workshop topics:

- ✓ Field measurements: rock temperature and meteorological variables.
- ✓ Sensors, traceability and uncertainty in thermal measurements for the cryosphere.
- ✓ Heat transfer modelling and temperature changes assessment in alpine rock formations with COMSOL Multiphysics.



18 February 2026



9:00 - 16:00



Sala Vallauri, INRiM

C.so Massimo d'Azeglio, 42. 10125 Torino



Registration link

Free participation until capacity is
reached.

For information: n.aranda@inrim.it



Visit the project
web portal

<https://bessanese.lab3841.it/dashboard>



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