

## International Workshop and roundtable on

# *Metrology for High Mountains Climate Observational Issues*



**15 February 2017**

**Società Meteorologica Italiana**  
Via Real Collegio,  
30, Moncalieri (Torino), Italy

Numerous measurements are required to capture climate trends in high mountains observations. Networks of measuring stations are active in alpine environment, to generate data from a multitude of instruments. Permafrost temperature, atmospheric parameters, glaciers mass balance and different other variables are constantly observed. Comparability of measurements among different stations and networks is therefore fundamental, to assess global analysis. Documented traceability, calibrated instruments, uncertainty evaluation, are key aspects, together with the adoption of standard measurement methods and procedures. The workshop and roundtable will put together metrologists and researchers, with the common vision of improving data quality and discussing reference-grade installations, for such components of the cryosphere.

### **Topics:**

- Snow albedo effect on air temperature measurements
- Permafrost temperature measurements
- High mountains climate research sites
- Metrology for the cryosphere
- Reference grade measurements for glaciology

### **Sponsored by:**

Istituto Nazionale di Ricerca Metrologica (INRiM) and Società Meteorologica Italiana (SMI)

### **Endorsed by**

BEV-PTP, Istituto di Ricerca per la Protezione Idrogeologica - IRPI – CNR, ARPA Piemonte

Registration deadline 15 January 2017

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