eurac research

Eurac Research is looking for a

Collaborator for the H2020 PROSNOW project

German title	Mitarbeiter des H2020 Projekts PROSNOW
Italian title	Collaboratore per il progetto H2020 PROSNOW

Short description of the position/project:

The PROSNOW project ambitions to build a demonstrator of a meteorological and climate prediction system from one week to several months ahead applied to snow management, specifically tailored to the needs of the ski industry using a codesign approach. This novel climate service holds significant potential to increase the resilience of socio-economic mountain stakeholders and supports their real-time climate change adaptation potential. PROSNOW will apply state-of-the-art knowledge relevant to the predictability of atmospheric and snow conditions, then develop products well beyond state-of-the-art operational tools. Improved anticipation capabilities at all time scales, spanning from "weather forecast" (up to 5 days) to "climate prediction" at the seasonal scale (up to several months), will be achieved through a seamless integration of weather and seasonal prediction products, together with snowpack models, in-situ and remotely-sensed observations and cutting-edge statistical tools in support of the decision making process. The project proposes an Alpinewide system (France, Switzerland, Germany, Austria and Italy).

The candidate will work on the first tasks of the project, related to the identification and collection of relevant geodata for the pilot ski resorts, existing past and real-time meteorological data, existing past and real-time snow observations in ski resorts, and remotely sensed information. The data will be critically checked, homogenized and prepared for inclusion in a databased

Tasks:

- Collection of past and real-time meteorological and snow data acquired by ski-resort and other weather stations;
- Data checking and homogenization.

Requirements:

- University degree in computer science or engineering or a comparable course of study;
- Very good knowledge in programming language (python, R);
- Good knowledge of (geographical) database and file parsing;
- Ability in team working, good communication, motivation to learn and personal initiative;
- Very good English (+ good German and / or Italian desirable).

We offer:

- An interesting job in a young international and interdisciplinary team;
- State-of-the-art technical facilities (soft- and hardware, communication tools);
- The contract will start as soon as possible and will be initially issued for 6 months.

How to apply:
Interested candidates should submit their application (CV, cover letter and further relevant documents) within **31.10.2017** to the following address:

Eurac Research
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For further information please contact Paola Winkler: Tel: +39 0471 055 370

Please attach, after reading the privacy policy, the following consent to your personal record, in accordance to the data security decree 196/2003 about personal data handling: *'I have read the privacy policy under http://www.eurac.edu/en/aboutus/Jobs/Pages/default.aspx and hereby authorize Eurac Research to use my personal data in accordance to decree 196/2003.*' **We inform you that we will not be allowed to consider any application without this compliancy declaration.**

Please add the following consent if it is of interest to you: *"I hereby explicitly authorize Eurac Research to store my personal data for the purpose of being contacted for potential future job openings".*