

The **Laimburg Research Centre** is the leading research institute for agriculture and food quality in South Tyrol (Italy). We operate mainly in applied research with the aim of increasing the competitiveness and sustainability of South Tyrolean agriculture and of ensuring the quality of agricultural products.

The **Laimburg Research Centre** is looking for a highly motivated

Researcher (f/m) - Code TT.22-GB-02.33

for the research project "Talking Trees: New technologies to monitor trees in urban areas and their benefits for the territory through sensors and IOT devices" based on the joint application "Fusion Grant" of the "Stiftung Sparkasse/Fondazione Cassa di Risparmio" of Bolzano (<https://noi.bz.it/de/fusion-grant>) for researchers under the age of 40 with a research doctorate.

Job Description

The areas of responsibility are as follows:

The researcher will cooperate for the implementation of the Talking Tree Project. The scientific methodologies that the project will put into practice are:

- Installation of sensors on trees (TreeTalker® and additional selected sensors)
- the processing and study of the data collected by the TreeTalker® sensors (installed on various trees in different situations),
- the process standardization to improve data usability and readability
- the development of data quality control procedures, and
- the development of a dashboard/interface that allows the data to be read by users in the GreenSpaces platform
- definition of physiological parameters based on measured data
- comparison of sensor measurements to other reference methodologies (leaf and soil analysis, etc.)

Requirements

- Completed university studies of at least four years attested by a diploma in Physics, Electronics, Environmental Sciences, Agriculture, Forestry or similar
- PHD (completed before January 31st, 2023) in Physics, Electronics, Environmental Sciences, Agriculture, Forestry or equivalent
- Knowledge of Italian or German - can be evaluated during the interview
- Maximum age 40 years (born after January 1st, 1983)

Desired additional competences constituting evaluation criteria:

- Knowledge in dendrology
- Experience in the field of environmental sensors
- Post-Doc experience or relevant work experience is an advantage
- Publications with particular focus on IOT Sensors and plant physiology
- Good knowledge of spoken and written English - can be evaluated during the interview
- Good knowledge of the second language (Italian or German) - can be evaluated during the interview
- Good organization and communication skills
- Candidates should be highly motivated, able to work independently and possess good team-working skills

Workplace: Laimburg Research Centre

Contract duration: February 1st, 2023 – January 31st, 2024, full time

Applications must arrive by and not later than January 2023, 11th – 12.00 a.m.

Additional information

We look forward to receiving **your application including:**

- Letter of motivation
- Curriculum Vitae (signed and not older than 6 months- written by hand)
- Copy of a valid identity card (your application **must always include a copy of a valid identity ID**)
- Letter(s) of recommendation
- Publication list.

Please quote the title of the relevant reference code of the position, indicate the earliest date you could start if appointed and **send your application by e-mail to human.resources@laimburg.it.**

Attention: *please be sure that the submitted documents do not contain data belonging to the special categories of personal data as referred to in art. 9 of the General Data Protection Regulation N. 679/2016 (for example data concerning health, data revealing religious beliefs).*

Please note: If the Curriculum Vitae (signed and not older than 6 months, please indicate the date) and a valid ID are not submitted **within the application deadline** stated above, the application cannot be taken into consideration.

This is a full-time position at Laimburg Research Centre. The regular place of work will be the Laimburg Research Centre in Laimburg- Vadena (BZ). Classification is based on the category " employee" according to the Agricultural collective agreement. The contract may be renewed if at that time the project will be renewed and/or funds will still be available, within the limits of the legal provisions at that time.

The general rules for temporary jobs at the Laimburg Research Centre are described in the framework call, available at <http://www.laimburg.it/de/ueber-uns/personal2.asp> (DE) and <http://www.laimburg.it/it/chi-siamo/personale.asp> (IT).

A ranking list will be published at the end of the selection procedure. The name of the candidates will be replaced by an identification code, which will be sent to the candidates as part of their application.

General requirements for admission to the proceedings:

- full possession of the political and civil rights
- full possession of the legal conditions and permits allowing an employment relationship in Italy
- no criminal convictions or legal proceedings for criminal offences, which are incompatible with employment at the Laimburg Research Centre.

For more information, please visit our homepage www.laimburg.it or contact us by mail: Helga.Salchegger@laimburg.it
Phone n. +39 0471 969 634

Equal opportunities and protected categories: According to Law n. 903, 9/12/1977, art. 1, the position is open to both genders. The policy and practice of Laimburg Research Centre require that all staff are offered equal opportunities within employment. The procedure is published in accordance with the provisions of Law No 68 of 12 March 1999, as subsequently amended (Rules on the right to work of the disabled and other protected categories).

Data treatment: The subject responsible for data treatment is Laimburg Research Centre, which will process the data through computer and paper-based systems for the purposes of recruitment. The data protection officer of Laimburg Research Centre can be contacted by e-mail Privacy@laimburg.it. At the beginning of the procedure, personal data are processed exclusively by the staff authorized by Laimburg Research Centre. All informations are available on the website of Laimburg Research Centre, section "Transparent Administration / human resources" ([https://www.laimburg.it/downloads/Informativa_procedura_di_selezione_Information_definitiva\(1\).pdf](https://www.laimburg.it/downloads/Informativa_procedura_di_selezione_Information_definitiva(1).pdf)).