



is seeking three

applied atmospheric scientists for instrumental research and calibration.

We are an internationally operating science and engineering company located in Innsbruck, Austria. Our core business is atmospheric remote sensing in the ultraviolet, visible and near-infrared, with instrument calibration, hosting, algorithm development and data management.

Join our highly motivated team and participate in our endeavor to provide reference datasets on atmospheric composition to the global community for air quality monitoring, satellite validation and basic research. Be particularly involved in the activities around the Pandonia Global Network (PGN), a project carried out jointly by NASA, ESA, and EPA, and operated by LuftBlick for trace gas measurements from Pandora spectrometer systems.

Benefit from our international collaborations with instrument manufacturers, top-level atmospheric science groups as well as space agencies and work in the beautiful, most liveable alpine city of Innsbruck.

Responsibilities include the following tasks

- Optical characterization and calibration of spectrometer systems, in particular Pandora instruments.
- Participation in PGN data quality assurance and quality control activities.
- Scientific data analysis and research studies.
- Preparation of reports, support in publication writing and their presentation at project meetings and conferences.

Essential qualifications

- Background in physics, atmospheric sciences, meteorology, mathematics or similar, at least at Bachelor level.
- Programming and visualization skills in Python.
- Professional Working English.

Favorable is experience in the following areas

- Optical remote sensing, including instrument characterization in optical laboratories.
- Differential optical absorption spectroscopy retrieval techniques.
- Radiative transport or chemical modeling.

At the start of your appointment, we offer a multi-week training course with lecturers from LuftBlick, but also international specialists from SciGlob (USA), Virginia Tech (USA), ESA Center for Earth Observation (Italy), NASA Goddard Space Flight Center (USA), Royal Belgium Institute for Space Aeronomy (Belgium), University of Innsbruck (Austria).

Application deadline is June 1st, 2022 or until the positions are filled.

The positions are full-time (40 h/week) with competitive salaries according to experience and based on the standard Austrian FWF scheme. After an initial propagation time, we aim for long term contracts.

For the formal application, please submit the application documents (cover letter, CV, publications list (if any), one-page statement of research interests, reference letters) to jobs@luftblick.at with reference to cipher: LB-APPL-CAL22-1