

Reference: 711/23

Vienna, 2.5.2023

The GeoSphere Austria, Federal Institute for Geology, Geophysics, Climatology and Meteorology as an institution under public law with its own legal personality is now offering a position as

Probabilistic Nowcasting and Seamless Forecasting Scientist (f/m/x).

At GeoSphere Austria, the position is allocated to the Nowcasting competence unit in the Division of Meteorological Services & Regional Offices, Department of Analysis & Model Development with an employment scope of 40 hours per week, duration 1 year (extension possible), in Vienna.

GeoSphere Austria is the national geological, meteorological, climatological and geophysical service in Austria. We combine over 150 years of experience and competence in cutting-edge research always putting the needs of people first in all our endeavors. With more than 500 experts, we are the knowledge partner on the topics of weather, climate change, natural hazards and more.

We offer:

- A meaningful area of responsibility with personal creative freedom
- Individual training opportunities and technical courses
- Short lines of communication
- An effective and innovative team
- Flexible working hours through flextime and home office
- A family-friendly environment
- Various prospects to actively take part within international and national cooperations

Your tasks:

- Develop and implement statistical and machine learning algorithms for probabilistic nowcasting and seamless forecasting.
- Work with meteorological data, including weather radar, satellite imagery, and numerical weather prediction models.
- Collaborate with other members of the team to ensure the accuracy and reliability of the forecasting system.
- Present research findings at conferences and publish results in peer-reviewed journals.
- Assist in proposal writing for future projects.

Requirements/Essential Skills:

- PhD or Master's degree in atmospheric science, meteorology, physics, or related field.
- Strong programming skills, particularly in Python and/or R.
- Experience with statistical and machine learning techniques.
- Familiarity with meteorological data and numerical weather prediction models.
- Excellent communication skills, both written and verbal in English.
- Ability to work independently and as part of a team (git-like version coding).
- Unrestricted access to the Austrian labor market.

Salary:

Analogous to the federal VB-scheme (v1/1) and depending on background and qualifications of the candidate, but at least EURO 3.289,40 (gross, 14 times per year).

Place of work:

GeoSphere Austria, Hohe Warte 38, 1190 Vienna, Austria

Start of employment:

07/2023

Working time:

40 hours per week (full time)

Duration of employment:

The contract is limited to a period of 1 years. A subsequent takeover in a permanent employment relationship is sought. New employees go through a probationary period of one month.

More information:

Aitor Atencia / Head of Nowcasting / aitor.atencia@geosphere.at

Application:

Interested candidates are invited to send their application documents **until including 01.06.2023** via E-mail to aitor.atencia@geosphere.at and bewerbung@geosphere.at **containing the reference 711/23 in the subject.**

Please enclose the following documents with your application:

- CV
- Motivation letter
- relevant diploma and certificates

The invitation for an interview (on-site or online possible) will be sent to the candidates via E-mail. Please note that GeoSphere Austria will not refund any travel and accommodation expenses for travels to/from Vienna for the interview.

We especially encourage women to apply.

Note that with your application, you expressly agree on processing of your personal data.