

## **Open Position at the Astronomical Institute of the University of Bern**

The satellite geodesy research group of the Astronomical Institute of the University of Bern (AIUB) offers the position of a

### **RESEARCH ASSISTANT.**

The focus of the research activities will be in the field of

### **GNSS DATA ANALYSIS.**

The AIUB hosts the Center for Orbit Determination in Europe (CODE), one of the leading analysis centers of the International GNSS Service (IGS). The position is focusing on advancing and extending the operational multi-GNSS data analysis capability of the Bernese GNSS Software package and related procedures.

Despite these rather technical tasks, like maintaining the various operational processing chains at AIUB, also scientific research will be expected. The research topic shall support the CODE activities at AIUB which covers the wide range from global GNSS solutions up to the combination of GNSS with other space geodetic techniques on observation level. Synergies with LEO orbit determination are particularly included. More details may be defined depending on the interest and the experience of the candidate.

### **Education:**

The candidate is expected to have successfully completed the master thesis (diploma / "Lizenziat" / Master) in astronomy, geodesy, aerospace engineering, physics, or a related topic. Experience in GNSS data processing is expected (preferable using the Bernese GNSS Software package) – knowledge regarding the design and implementation of the Bernese GNSS Software is of course an advantage. A demonstrated experience with development of modular, clearly readable and adaptable scientific software (we are using modern Fortran, C++, and perl) is required. The candidate needs to speak and write English fluently.

**Miscellaneous:**

The candidate should start working in Bern as soon as possible.

The position is scheduled for three years. The salary follows the guidelines of the University of Bern and depends on the qualification of the successful candidate.

**Application:**

Applications (including CV, university diploma copies, possible references) should be received as soon as possible but no later than February 02, 2024 at the following address:

Prof. Dr. Rolf Dach  
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Astronomical Institute  
University of Bern  
Sidlerstrasse 5  
CH-3012 Bern                      Phone: ++41 31 684 85 93  
Switzerland                      E-mail: [rolf.dach@unibe.ch](mailto:rolf.dach@unibe.ch)

Informal enquiries may be obtained at the above address as well.

The University of Bern is an equal opportunity employer and encourages in particular women to apply for open positions.