The Zimmerwald Observatory of the Astronomical Institute, University of Bern is inviting applications for a

**Hilfsassistent (20%)**

**to support**

**Daytime laser ranging observations (ideally on Fridays) and programming**

The Astronomical Institute of the University of Bern (AIUB) has a world-leading position in the domain of optical surveys and characterization of space debris. AIUB operates the Swiss Optical Ground Station and Geodynamics Observatory Zimmerwald equipped with a 1-m multi-purpose laser and astronomical telescope (ZIMLAT) and five additional telescopes with apertures ranging from 0.2 to 0.8 meters. The observations in Zimmerwald are performed by observers who are responsible for day- and night-shifts. In addition, a major software upgrade is in progress that will enable us to track satellites more precisely. The successful candidate shall operate one day-shift in Zimmerwald (ideally on Fridays) and will work on programming, implementing, and testing new software for our telescopes during their shift. The position is located in Zimmerwald. Training to operate the telescopes will be provided.

**Requirements:** BSc degree in computer science, physics, or a similar discipline. Experience in programming with C++, further programming languages are considered an asset. Basic knowledge of astronomy and telescopes. Fluency in German and intermediate skills in English.

**Appointment:** immediately, open until filled.

**Application:** October 30, 2022 via email: CV, motivation letter, code samples

**Salary:** Based on the regulations of the University of Bern

**Contact:** Vice-director of Zimmerwald Observatory, Prof. Dr. Lucia Kleint (email lucia.kleint@aiub.unibe.ch).

An equal opportunity environment is important to us, and we welcome applicants from groups that are traditionally underrepresented in physics and computer science. We will be particularly pleased to receive applications from women for the advertised position.