Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) is dedicated to addressing astrophysical questions ranging from the study of our Sun to the evolution of the cosmos. Its research focuses on cosmic magnetic fields and extragalactic astrophysics, as well as the development of research technologies in the fields of spectroscopy, robotic telescopes, and e-science. The AIP carries out its research mission through numerous national, European, and international collaborations. The institute is the successor to the Berlin Observatory, founded in 1700, and the Potsdam Astrophysical Observatory, founded in 1874, which was the first institute in the world to be explicitly dedicated to astrophysics. The AIP has been a member of the Leibniz Association since 1992. Approximately 200 employees work at our location, nestled in a beautiful park setting in Potsdam, not far from Berlin.

To strengthen the group Research Data Infrastructure we are hiring a

DevOps position for the 4MOST public archive.

Your tasks:

4MOST is a new multi-object spectrograph built for and delivered to the European Southern Observatory. It will deliver 50 million spectra over the next 5 years. Spectra and advanced data products are made available through the 4MOST Public Archive (4PA) based at AIP. The main focus of the position is on the support required to deliver the first and second data releases of the 4MOST project, in particular

- maintenance and further development of the 4PA web front-end,
- ingestion of data release candidates into the archive database, with special focus on the data release description.
- contribution to the development of architecture and software stack behind the archive.

Your skills:

- Programming and IT skills, preferably with experience in natural sciences / astrophysics.
- Specific expertise in Python, Linux, and structured programming development are required.
- Experience in web front-end development is appreciated.
- SQL, Django and Docker knowledge are an advantage,
- Familiarity with astronomical spectroscopic data is an asset.
- A university degree (M.Sc., PhD) is required.
- Project language is English, thus good command of English language is required.

We offer:

- competitive salary, based on the TV-L for public service, up to TV-L 13.

- flexible working hours
- excellent opportunities for internal and external training
- an office space in the midst of a world cultural heritage.

The position is to be filled for a three-years term. The position is suitable for part-time work. Start date is negotiable, target time is fall 2026.

If you are interested in this position, please submit your application (CV, motivation letter addressing the required skills), preferably electronically, to:

bewerbung-2026-07@aip.de

The selection process for applicants will start immediately until the position is filled.

Equal opportunity is an integral part of human resources and organizational development at the AIP; therefore, applications from all genders are equally welcome. People with disabilities will be given preferential consideration if they have the same professional qualifications.

Your application materials will be retained for at least three months after the recruitment process is completed. As a general rule, your materials will be made available to a selection committee as well as to the relevant bodies and officials.

Leibniz-Gemeinschaft

TOTAL E-QUALITY