



# Leibniz-Institut für Astrophysik Potsdam

## **Scientist/DevOps Position in EScience Section (w/m/d)**

Scientists at the Leibniz Institute for Astrophysics Potsdam (AIP) work on a variety of astrophysical topics covering the full range from solar physics to cosmology. Key aspects are cosmic magnetic fields and extragalactic astrophysics supported by a large technology team on spectroscopy, robotics, and e-science. The AIP is located in the beautiful Potsdam/Babelsberg area, at the South-western border of the Berlin metropolitan area. It continues the tradition of the Astrophysical Observatory Potsdam and the Berlin Observatory (founded in 1700) and has about 200 employees.

In the Supercomputing and E-Science section we work at the interface between excellent astrophysical research and modern IT systems and software. The section currently has four major work areas: data management and collaborative research environments (CRE) for astrophysical collaborations and projects, provision of efficient supercomputing and cloud facilities at AIP, development and implementation of Virtual Observatory standards, and development of software for data curation and publication of astronomical data. The AIP is participating in many scientific data infrastructure projects such as ESCAPE and NFDI, often in collaboration with other science groups or sections.

For creating the 4MOST public archive we are looking for a developer, who works closely with the 4MOST collaboration. 4MOST is a fibre-fed spectroscopic survey facility on the VISTA telescope surveying the southern sky in a few years. It will simultaneously obtain spectra of ~2400 objects with a high spectral resolution. The public archive shall maximise the scientific benefits of the data for the whole astrophysics community. The tasks require programming skills (python, web technology), knowledge of RDBMs and SQL, as well as domain knowledge in astrophysics or natural sciences. A university degree is required.

The appointment will be initially for 24 months, and can start immediately after the selection process is finished.

The AIP is an equal opportunity employer and strives to maintain a diverse, inclusive work environment and culture. AIP particularly encourages applications from women and those from diverse backgrounds. Preference will also be given to people with disabilities with equal competence. The appointment could start immediately after the recruitment process is completed.

Salary and social benefits are calculated based on the German public service scale TV-L (TVL 13) and depends on qualification. Employer contributions to medical, parental leave, and retirement benefits are included.

Please submit your application until 01.04.2021 at the AIP job portal: [Scientist/DevOps Position in EScience Section \(w/m/d\)](#)

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