The Leibniz Institute for Astrophysics Potsdam (AIP) is a publicly funded German research institute with a long history, including the Berlin Observatory and the Astrophysical Observatory Potsdam. The latter was the world's first observatory to emphasize explicitly the research area of astrophysics. Today, the AIP has an international reputation as a competence centre for the development of research technology in the fields of spectroscopy, robotic telescopes and E-Science. About 130 scientists work on a variety of astrophysical topics such as magnetic fields, solar and stellar physics, stellar and galactic evolution and cosmology. As a member of staff of the AIP, you will have the advantage of living very close to the Berlin metropolitan area as well as enjoying the calm, family-friendly area of Potsdam-Babelsberg for your work place and residence.

The Leibniz-Institut für Astrophysik Potsdam (AIP) invites applications for the position of a

Test Engineer (m/f/d)

for the development and support of astronomical instrumentation/telescope projects. The position is located in the Project Management section at the AIP.

The successful candidate will work on the 4MOST project at AIP in collaboration with the large local project team and extensive external partner network.

Your Tasks

- Creating subsystem and system level test plans based on system verification plans.
- Planning for execution of test activities, assessing need of personnel and technical equipment, aligning test plans with 4MOST System Integration planning.
- Documenting test results, in the case of non-conformances issuing non-conformance reports, assisting the 4MOST CCB with impact assessment and proposing remedial actions or mitigations.
- Assessing safety aspects of test plans, in case of potential hazards consulting with 4MOST safety responsible or 4MOST product assurance manager.
- Responsible for implementation of action items resulting from system integration activities, including action items assigned to external partner institutes.
- Where needed, development of software required for execution of test activities.
- Maintaining database of test results for future retrieval and analysis.

Your profile must include:

- Proficient in Python and C programming
- Bachelor degree in an engineering discipline.
- Ability to document and write reports and procedures using MS Office software.
- Excellent interpersonal and communication skills with the ability to collaborate efficiently and effectively with administrative, technical and scientific staff.
- Fluency in spoken and written English and German is highly desirable.

Conditions

The AIP is an equal opportunity employer and strives to maintain a diverse, inclusive work environment and culture. AIP particularly encourages applications from women. Preference will also be given to people with disabilities with equal competence. The position is offered on a fixed-term contract of 13 months. Salary and social benefits are calculated based on the German public service scale TV-L and commensurate with qualifications and
experience in relation to the position. A salary level of up to E11 TV-L is envisaged. Employer contributions to medical, parental leave, and retirement benefits are included. The position can be either full-time or part-time assignment.

To apply, please send your Curriculum Vitae and copies of academic degrees, certificates, and any other supporting documents to bewerbung-2021-33@aip.de. Complete applications received by 10.12.2021 will receive full consideration.

Contact
Leibniz-Institut für Astrophysik Potsdam (AIP)
Joar Brynnel
An der Sternwarte 16
14482 Potsdam
jbn@burendn@aiip.de / www.aip.de