

The Max Planck Institute for Solar System Research (MPS), Göttingen, Germany, invites applications for a

## **Database Software Developer**

to work for the PLATO Data Center

The position is available for an initial period of 3 years, with the possibility of an extension that is contingent upon performance and project funding. The start date is negotiable.

The MPS is a leading space research institute in Germany. In 2014, the MPS relocated to a new building in Göttingen that offers employees world-class facilities and working environments. The MPS has a long history of successful contributions to European and international space missions.

PLATO is a space mission of ESA's Cosmic Vision Program, which aims to detect and characterize a large sample of exoplanets and their host stars. PLATO will be launched in 2026. The PLATO Data Center led by MPS will provide ground support for the validation and calibration of the PLATO observations, and for the processing scientific data products. A PDC Database will be implemented at the MPS, which will be the central data exchange hub for all European PLATO data processing centers.

### **Your Tasks**

- Develop the PDC Database system
- Supervision of software developers
- Contribute to the production of PDC technical documentation
- Monitor and maintain the PDC schedule

### **Your Profile**

- Master of Science degree or relevant experience
- Expertise in databases, Java, Eclipse, Swing/Abstract Window Toolkit
- Experience with Java Native Interface (JNI) or similar
- Experience with Python, C
- Experience with dev tools (e.g. Jenkins, JIRA, Bitbucket), Linux, filing systems
- Experience with space missions and scientific projects
- Good command of the English Language

Remuneration will be in accordance with the German Collective Agreement for the Public Service (up to TVÖD E14). Social security benefits are in accordance with the public service regulations.

The Max Planck Society endeavors to employ more disabled persons. Applications from disabled persons are explicitly encouraged and will be favored in the case of equally qualified applicants. The Max Planck Society strives to increase the proportion of women in areas where they are underrepresented. Women are therefore explicitly encouraged to apply.

Please send your CV and application letter in English (certificates and reference letters may be in German) as one PDF file to [burston@mps.mpg.de](mailto:burston@mps.mpg.de) with the subject line "PDC-DB-swdev". Applications received by the 12<sup>th</sup> April 2019 will receive full consideration.

