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 starting as early as 1st January 2018 until 31st March 2019, with the possibility of a long-term extension that is contingent upon performance and project funding.

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 at MPS will provide ground support for the validation and calibration of the PLATO observations, for the processing of the Data Products. A PDC Database will be implemented at the MPS, which will be the central data exchange hub for all European PLATO data centers.

You will contribute to activities under work package "PDC System Architecture and Management".

Your Tasks
- Develop the PDC Database system
- Contribute to the production of PDC technical documentation

Your Profile
- Master of Science degree or relevant experience
- Expertise in Java, Java Native Interface, Swing/Abstract Window Toolkit, Eclipse, JavaFX
- Experience with databases & development tools (e.g. Jenkins, QF-Test, Redmine, svn/git), Linux
- Proficiency with Python and C
- Good command of the English Language

Remuneration will be in accordance with the German Collective Agreement for the Public Service (TVöD). 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 knoche@mps.mpg.de with the subject line "PDC Database Software Developer". Review of applications will begin on 22.12.2017 and continue until the position is filled.