

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

## **Database Software Developer**

to work in the PLATO Data Center (PDC) team

The position is available as early as 16<sup>th</sup> October 2017, but a later start date is negotiable.

PLATO (PLAnetary Transits and Oscillations of stars) is the M3 mission of ESA's Cosmic Vision program, which aims to detect and characterize a large sample of exoplanets and their host stars. The PDC 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 centres.

In your role you will contribute to activities under Work Package 31 "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 equivalent) in a relevant field
- Expertise in Java, Java Native Interface, Linux/Unix, Swing/Abstract Window Toolkit, Eclipse
- Experience with databases, development tools (e.g. Jenkins, QF-Test, Redmine, svn/git), Python, C, JavaFX
- Experience in space missions, scientific projects, system administration and Fortran is desirable
- Good command of the English Language

The position is full-time and initially ca. 18 months; the possibility of extensions is contingent upon performance and project funding. Remuneration will be in accordance with the German Collective Agreement for the Public Service (TVöD), up to E group 13, depending on the candidate's profile. Social security benefits are in accordance with the public service regulations.

The Max Planck Society endeavours to employ more disabled persons. Applications from disabled persons are explicitly encouraged and will be favoured 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 the usual documents 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 "Database Software Developer". Review of applications will begin on **18.09.2017** and continue until the position is filled.

