



MAX PLANCK INSTITUTE  
FOR SOLAR SYSTEM RESEARCH


MPS





## Our Offer


 Versatile and varied activities in an international environment


 Remuneration according to the TdL guidelines for scientific and student assistants. hourly rates accordingly without/with BA degree, annual special payment, continued payment of wages according to the Continued Remuneration Act, necessary travel expenses will be reimbursed


 Holiday in accordance with § 3 BurlG and 4 additional days off work

 Fixed or flexible working hour models possible

 In-house cafeteria

 Collaboration with local bilingual Montessori child care center

 Good public transport connection

 Corporate health management

The Max Planck Institute for Solar System Research (MPS) in Göttingen is one of the world's leading research institutions in the fields of solar physics and planetary research, with approximately 300 employees. The interdisciplinary research focus lies in the investigation of the development, diversity, and dynamics of planets, moons, small bodies, the sun, and solar-like stars. MPS develops and operates scientific instruments for current and future space missions (e.g., ESA, NASA) and conducts cosmochemical laboratory investigations of meteorites as well as numerical modeling on state-of-the-art supercomputers.

The Solar and Stellar Interiors Department at the Max Planck Institute for Solar System Research (MPS) offers a "HiWi" position in support of the PLATO Mission of the European Space Agency (ESA). PLATO is a spacecraft that will launch in late 2026 to find Earth-like extrasolar planets around bright Sun-like stars using the transit method, and to measure the vibrations of stars to explore the stellar interiors and ages. In support of our development of the Data Analysis Support Tools (DAST) for the PLATO Mission, the institute is looking for a

## Research Assistant (f/m/d)

### Your Tasks

- Software development for the DAST frontend and backend
- Implementation of web interface functionalities in Angular
- Data management in the DAST data base and interfacing with other data bases
- Implementation of scientific algorithms in the DAST web page
- Participation in Daily meetings and biweekly Grooming, Planning, Review and Retro meetings
- Documentation of software development in Jira, Confluence, and Bitbucket

### Your Qualification

- University degree (Bachelor or equivalent) in the areas of informatics, information technology, mathematics, physics or related fields
- Strong command of python, Angular, html, java, C or a similar programming language
- The following experience would be beneficial:

- Software development, technical verification and testing
- Programming of scientific algorithms or web design
- Scrum agile framework
- Strongly interested in working in a team on a longterm space project
- Good command of the English language

### Additional Information

- The position is to be filled as soon as possible and limited for 1 year with the possibility of extension
- The remuneration will be for 55 hours per month (with a flexible schedule)
- The work will address scientific questions and could be suited as a master thesis
- Application deadline is May, 31 2025

Regardless of their previous background, we are seeking an individual with a strong desire to commit to the mission's success and learn new skills. We follow the scrum approach as our agile team collaboration framework and adhere to clean-code principles and test-driven methodologies. Candidates wishing to gain expertise in these valuable skills are warmly encouraged to apply.

We look forward to receiving your informative application documents (cover letter, CV, reference letters or names of references, certificates). Please submit these via the digital application portal (<https://www.mps.mpg.de/career/jobs>). If you have any questions, please do not hesitate to contact Dr. René Heller ([heller@mps.mpg.de](mailto:heller@mps.mpg.de)).

The Max Planck Society endeavours to achieve gender equality and diversity. Furthermore, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply. The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.



Website of the Institute <https://www.mps.mpg.de/en>