

2 postdoctoral positions related to PLATO science

The DLR Institute of Planetary Research is a central DLR site for the construction and operational use of scientific instruments for satellite missions in the science and exploration programmes of ESA, NASA and JAXA.

These postdoctoral positions are located in the Institute of Planetary Research and are assigned to the department Extrasolar Planets and Atmospheres (<https://www.dlr.de/en/pf/about-us/departments/extrasolar-planets-and-atmospheres>) in close collaboration with the department of Planetary Physics ad DLR (<https://www.dlr.de/en/pf/about-us/departments/planetary-physics>) and the Planetary Sciences and Remote Sensing group at FU Berlin (<https://www.geo.fu-berlin.de/en/geol/fachrichtungen/planet/index.html>).

The focus of the activities is closely related to the PLATO Mission (PLANetary Transits and Oscillations of stars, the 3rd mission of M-class in the Cosmic Vision programme by ESA), whose goal is the search and characterization of extrasolar planets, including Earth-like planets.

In particular, the candidates will:

- Investigate the interior structure of planets with the aim of clearly determining their composition using observational constraints obtained with PLATO: <http://s.dlr.de/c48IL>
- Investigate the statistical properties of planetary systems with the aim of understanding the processes of planetary formation and evolution in the PLATO context: <http://s.dlr.de/1FvH4>

The application details are provided in the links above. If interested, candidates are encouraged to apply for both positions. Please, submit your application through the DLR portal by June 23rd. The expected starting date is not earlier than September 2024. The duration of the contract is 3 years.

The interface for the application is currently only available in German because of technical reasons. However, knowledge of German is not required. We accept applications in English language.

For any inquiries, including the English version of the application text, please contact juan.cabrera@dlr.de