



**Technische Universität Berlin**



Technische Universität Berlin, Faculty II – Mathematics and Natural Sciences, Centre for Astronomy and Astrophysics, and the German Aerospace Center (DLR) jointly call for applications for a position of a

## **University Professor - salary grade W2**

for the field of "**Planetary Physics with focus on extrasolar planets**" as a joint position (Berliner Modell).

### **Faculty II**

**Reference number:** II-33/21 (starting at the earliest possible / permanent / closing date for applications 18/03/21)

**Working field:** The position includes the role of head of the department „Extrasolar Planets and Atmospheres“ at the DLR Institute for Planetary Research, Berlin-Adlershof. The holder of the position represents the area of „Planetary Physics with focus on extrasolar planets“ in teaching at the Centre for Astronomy and Astrophysics at TU Berlin. The regular teaching obligation is 2 course hours per week. Working at the DLR fulfils the obligation for research at TU Berlin. The Institute for Planetary Research engages in the exploration of planets, moons and small bodies in our solar system. Main focus are scientific questions about the formation and development as well as the habitability of planets and moons. The Institute participates in international scientific satellite missions of ESA, NASA and JAXA (amongst others the missions BepiColombo, CHEOPS, Comet Interceptor, ExoMars, JUICE, MMX, PLATO). For further information please see: <https://www.dlr.de/pf/en>

In the future this position shall strengthen in particular the connection between the characterization of extrasolar planets and planet populations with the knowledge about planetary evolution processes and small bodies in the solar system.

**Requirements:** Candidates must fulfil the requirements for appointment at the professor level in compliance with § 100 BerlHG (Berlin Higher Education Act), including a finished academic education in physics or a comparable discipline, qualified achievements in research (usually proven by a PhD in physics or a comparable discipline), additional scientific and pedagogical didactic qualifications, demonstrated by teaching experience and visualized in a teaching portfolio (for further information see TUB Website, quick access 144242).

We are searching for a scientist with excellent knowledge and experience in at least one of the following scientific fields:

- Detection of extrasolar planets and studies of planet populations,
- Characterization of extrasolar planets (atmospheres, composition, internal structure, habitability) and exoplanetary systems (formation processes),
- Marginal conditions for the processes of planet formation from the studies on planets/asteroids/comets of the solar system.

Experience in acquisition of third party funding as well as national and international experience in project work and management should be present. Teaching experience and the ability to lead a department with 20 employees are expected.

TU Berlin and DLR expect from their professors the ability to take responsibility for leadership and strategic development of their department and their employees. This also includes engagement in the promotion of young researchers and females, gender and diversity competencies in the sense of creating diversity sensible work and study conditions and substantial setting of impulses in research and teaching as well as participation in the academic administration of the university. Interdisciplinary cooperations, initiatives in science communication as well as in knowledge and technology transfer are desired. As an international recognized university and research institute good knowledge of the English language is expected. Applications from Non-German speaking applicants willing to learn German are explicitly welcome.

Technische Universität Berlin and DLR are determined to increase the proportion of women in research and teaching and therefore strongly encourage qualified female researchers to apply. Qualified individuals with disabilities will be favored. TU Berlin and DLR value the diversity of their members and are committed to equality of opportunity.

Technische Universität Berlin and DLR are certified family-friendly institutions of higher education, and our Dual Career Service Center offers assistance to you and your family when relocating to Berlin. Applications from abroad are explicitly welcome.

Please send your written application until **18th March 2021** indicating the **reference number II-33/21** and including the appropriate documentation (CV, draft of academic career, teaching portfolio, description of research areas, list of publications, copies of grades and certificates, all combined in a single pdf-file) **exclusively by email to Prof. Dr. Emmrich, Dean of the Faculty II – Mathematics and Natural Sciences, at [appoint@naturalsciences.tu-berlin.de](mailto:appoint@naturalsciences.tu-berlin.de)**.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: [https://www.abt2-t.tu-berlin.de/menue/themen\\_a\\_z/datenschutzerklaerung/](https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/) or quick access 214041.

Technische Universität Berlin - Der Präsident - Dekan der Fakultät II, Prof. Dr. Emmrich, Sekr. BEL 1, Marchstr. 6, 10587 Berlin

The vacancy is also available on the internet at  
<http://www.personalabteilung.tu-berlin.de/menue/jobs/>

