

# **LATE ACCRETION**

## **ONTO TERRESTRIAL PLANETS**



### **Doctoral Position B8-1-D1 (Salary level 75% E13 TV-L)**

Late Accretion onto Terrestrial Planets (TRR 170) is a Transregional Collaborative Research Center located in Berlin and Münster (Germany). The center is funded by the German Research Foundation and comprises research groups at Freie Universität Berlin (FUB), Technische Universität Berlin (TUB), Westfälische Wilhelms Universität Münster (WWU), Museum für Naturkunde Berlin (MfN) and Deutsches Zentrum für Luft- und Raumfahrt Berlin (DLR). The scope of TRR 170 is the interdisciplinary study of the late growth history of the terrestrial planets from the last giant collisions between planetary embryos to the terminal phase of late bombardment, approximately 3.8 billion years ago. The center also aims to provide a broad, interdisciplinary planetary science education to doctoral students.

In subproject B8 we study the chemical and stable isotope variations in components of meteorites in order to understand the origin of volatile elements in the terrestrial planets. The candidate is expected to have strong skills in isotope geochemistry and initial analytical experience in mass spectrometry (ICPMS, TIMS or gas source MS) and relevant sample preparation methods. Clean room experience would be beneficial. The position requires a M.Sc. (or comparable) degree in geology, mineralogy or, in exceptional cases, in chemistry. Participation of doctoral students in TRR 170-related research and teaching activities is expected. Very good English language skills are required. The position is currently funded until December 31<sup>st</sup> 2023. The position may be extended into a third funding period of TRR 170 to complete the project. For more information, please contact Harry Becker at the Institut für Geologische Wissenschaften, Freie Universität Berlin (see below).

The participating institutions are equal opportunity employers and are committed to increasing the proportion of women in academics. Consequently, we actively encourage applications by women. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. We also welcome applications from candidates with severe disabilities. Disabled candidates with equivalent qualifications will be preferentially considered, although some restrictions related to the access to laboratory facilities may apply.

Applications should include a cover letter that explains your expertise and qualifications for this position, names of two referees who know your previous work, CV and copies of degree certificates and transcripts, combined into a single pdf-file. Please email your application to [hbecker@zedat.fu-berlin.de](mailto:hbecker@zedat.fu-berlin.de). Applications will be considered as long as the position has not been filled.