TRR 170
LATE ACCRETION
ONTO TERRESTRIAL PLANETS

Postdoc position B1 (Salary level 100% E13 TV-L FU)

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. Thus, the center provides a great opportunity to be involved in exciting interdisciplinary research on the origin and early evolution of the planets.

In subproject B1 we study the chemical and stable isotope variations of volatile elements in lunar rocks in order to understand the origin of the distribution of volatile elements in the Moon. To support this work, a *state of the art* multi collector ICP-MS will be installed at FUB in late 2021. The candidate is expected to have proven skills in isotope geochemistry and advanced analytical experience in multi collector ICP mass spectrometry and experience in low-blank sample preparation methods in clean room environments. The position requires a doctoral degree in geochemistry, geology or a related field. Very good English language skills are required. The position is available from August 1st 2021 to December 31st 2023. The possibility for extension exists if the project continues to be funded beyond 2023.

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 at least two referees, CV and copies of degree certificates, combined into a single pdf-file. Please email your application to Prof. Harry Becker at the Institut für Geologische Wissenschaften, Freie Universität Berlin (hbecker@zedat.fu-berlin.de). Applications will be considered until the position is filled.