Technische Universität Berlin offers an open position:

Research assistant - salary grade E 13 TV-L Berliner Hochschulen

part-time employment may be possible
under the reserve that funds are granted

Faculty V - Institute of Fluid Dynamics and Technical Acoustics / Experimental Fluid Dynamics
Reference number: V-541/24 (starting at 01/01/25 / for 36 months / closing date for applications 01/11/24)

Working field:

- conduction of experimental research on the thermoacustic response of premixed jet and swirl flames under gas turbine (GT) relevant conditions
- work with a unique high-pressure test rig to investigate flame dynamics and emissions, contributing to advanced combustion research and model validation

Requirements:

- successfully completed a university degree (Master, Diplom or equivalent) in mechanical engineering, aerospace engineering, combustion science or similar
- strong background in fluid dynamics and combustion processes
- experience with experimental techniques in combustion, such as OH*-chemiluminescence, laser diagnostic or similar
- proficiency in data acquisition and analysis using software tools such as MATLAB, LabVIEW or similar
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills

Desirable:

- excellent problem-solving skills and the ability to work both independently and in a team on complex tasks

The position is fully funded for three years and offers the opportunity to contribute to cutting-edge research in an EU-funded project.

Meaningful applications including CV and diploma/degree certificate (current grade summary, if applicable) can be submitted **bundled by email to to Prof. Dr. Paschereit via fd-TB-office@win.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/ .

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

Technische Universität Berlin - Die Präsidentin - Fakultät V, Institut für Strömungsmechanik und Technische Akustik, FG Experimentelle Strömungsmechanik, Prof. Dr. Paschereit, Sekr. HF 1, Müller-Breslau-Straße 8, 10623 Berl

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