



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

Faculty V - Institute of Fluid Mechanics and Technical Acoustics / Numerical Fluid Dynamics

Reference number: V-148/25 (starting at the earliest possible / for 5 years / closing date for applications 04/06/25)

Working field:

- Contribution to teaching, including the delivery of tutorials and practical classes and the supervision final theses
- Research in the field of numerical fluid dynamics, with a particular focus on the investigation of turbulent boundary layers
- Conducting numerical simulations and experimental work, developing simulation programs
- Preparation of applications for third-party funding and scientific publications

Requirements:

- Successfully completed scientific university degree (Master, Diplom or equivalent) preferably in Engineering Science, Mechanical Engineering, Aerospace Engineering or Scientific Computing
- Very good knowledge of one or several of the following areas: applied mathematics, fluid mechanics or numerical methods
- Proficiency in programming
- The ability to teach in German and/or in English is required; willingness to acquire the missing language skills.

Desirable (optional):

- Experience in programming in Fortran or C/C++
- Basic knowledge of parallel computing

Please send your application with the **reference number** and the usual documents - bundled in one PDF document - by email to an Prof. Dr. Busse via **office@tnt.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 guarantee 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.

Die Präsidentin - Fakultät V, Institut für Strömungsmechanik und Technische Akustik, Fachgebiet Numerische Fluidodynamik, Prof. Dr. Angela Busse, Sekr. MB 1, Müller-Breslau-Straße 15, 10623 Berlin.

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

