



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

## **Research Assistant - salary grade E13 TV-L Berliner Hochschulen**

part-time employment may be possible

**Faculty V - Institute of Machine Design and Systems Engineering / Cyber-Physical Systems in Mechanical Engineering**

**Reference number:** V-23/25 (starting at 01/04/25 / for 36 months / closing date for applications 14/02/25)

### **Working field:**

- research in the field of nonlinear frictional and structural dynamics using data-driven machine learning methods (ML)
- method development for new learning procedures and sensor data fusion for spatially resolved field and image variables
- implementation of scientific programme code with high quality standards
- publication of scientific results in international journals and at scientific conferences
- cooperation with French project partner
- supervision of student theses
- science communication for non-university target groups

### **Requirements:**

- a successfully completed scientific university degree (Master, Diplom or equivalent) in Engineering Sciences, applied mathematics or machine learning
- core engineering skills
- proven programming experience
- good English language skills; willingness to learn English is expected

### **desirable:**

- scientific publishing
- curiosity, ability to work independently, communication skills, ability to work in a team, intercultural competences
- good command of German and/or French language

### **What we offer:**

- an inclusive and appreciative working atmosphere in a committed and diverse team
- international cooperation
- the compatibility of family and career through flexible working time models incl. home office

Please send your application, stating the **reference number**, with the usual documents (summarized in a PDF document, max. 5 MB) exclusively **by e-mail to: Prof. Dr. Marten Stender (marten.stender@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.

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.

Technische Universität Berlin - Die Präsidentin - Fakultät V - Institut für Maschinenkonstruktion und Systemtechnik, FG Cyber-Physical Systems in Mechanical Engineering, Sekr. H 66, Straße des 17. Juni 135, 10623 Berlin

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

