

The Chair of Carbon Composites at the TUM "School of Engineering and Design" is looking with immediate effect for a full-time

### **Test Engineer (m/f/d) for the Composite Test Lab**

The Chair of Carbon Composites, founded in 2009, deals with the development of new Processing methods for the production of fiber composite components, the structure and process simulation as well as detailed experimental studies for a better understanding of the manufacturing processes and the mechanical behavior of fiber composites. In our fast growing and dynamic team, you will have possibilities for personal development as well as to actively shape our working environment.

The following tasks are part of your job description:

- Organization of the testing work at the chair
- Quality insurance of test methods used
- Development of test methods
- Consulting of staff on specific problems in the field of mechanical characterization of fiber composites
- Consulting of staff on specific problems in the field of thermo-analytical and imaging methods
- Approval of customized test procedures and rigs
- Supervision of measurement set-ups
- Supervision and execution of characterisations as well as their evaluation and documentation
- Carrying out or organising the maintenance of measuring instruments, testing machines and testing devices
- Instruction and supervision of scientific staff and students
- Various tasks in laboratory operation

In addition to relevant experience in the above-mentioned or a comparable field, we expect self-initiative and a performance-oriented approach to work, good teamwork skills, sound knowledge of testing and analysis methods, and the willingness to acquire any missing knowledge. Previous experience in materials testing and/or resin analysis is desirable. Due to the international environment of the chair staff and students of the Technical University of Munich, German as well as English language skills are an advantage. One of these languages must be spoken fluently.

The position is temporary and the salary is based on the collective agreement for the public service of the federal states (TV-L). The University aims to increase the proportion of women and therefore expressly invites applications from suitably qualified female candidates. Severely disabled persons will be given preference in the event of essentially equal suitability and qualifications.

### **Application**

- Please send your application by email to the contact below.
- The closing date for applications is 15.11.2022.
- The employment is initially limited to one year.

**Note on data protection:**

When you apply for a position at the Technical University of Munich (TUM), you submit personal data. Please note our data protection information in accordance with Article 13 of the General Data Protection Regulation (DSGVO) regarding the collection and processing of personal data in the context of your application. By submitting your application, you confirm that you have taken note of TUM's data protection information.

**Technical University of Munich**

Chair of Carbon Composites

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