



With more than 11,000 students, 230 professors and over 680 employees, the Ostbayerische Technische Hochschule Regensburg (OTH Regensburg) is one of the largest universities of applied sciences in Bavaria.

The OTH Regensburg is looking for the following person to join the Computational Mechanics and Materials Lab (CMM Lab) as soon as possible

## Research Assistant (m/f/d) Computational Mechanics of Materials

### Your tasks:

- Independent work on interdisciplinary projects
- Development of methods for the simulation of the mechanical behavior of conventional and additively manufactured metal structures for safety-relevant applications
- Target-oriented test planning and test supervision
- Cooperation with the partners in research projects
- Publication of research results in scientific journals and at international conferences
- Planning and application for third-party funded projects in the field of numerical mechanics of materials as well as supervision of courses and students

### Your profile:

- Completed university studies in a Master's degree program (HAW or Univ.) in Mechanical Engineering, Computational Engineering/Materials Science
- Sound knowledge in the field of Finite Element Method (FEM) and material modeling
- Programming skills (e.g. MATLAB, Python, C++, ...)
- Ideally knowledge in the field of additive manufacturing with focus on metals
- Scientific, independent approach with excellent analytical skills, initiative, inventiveness, curiosity and critical thinking skills
- Strong teamwork and communication skills (very good English skills)
- A PhD is expressly desired within the scope of the advertised position

### We offer:

- A varied and autonomous activity within a modern workplace at the university campus with flexible and family-friendly working hours
- A well-founded familiarization with current research work as well as a wide range of internal training opportunities
- Social benefits in accordance with the regulations of the public service, including additional retirement benefits and a special annual payment in accordance with the requirements of the TV-L

This is a **part-time position with a fixed term until 30.06.2024 at a rate of 75%** as an employee with an option to extend until **30.06.2026**. Payment will be made in accordance with the collective agreement of the federal states (TV-L) in **pay group 13**, provided that the necessary requirements for this are met.

In order to achieve equality between women and men, there is a particular interest in the application of women. The position is suitable for severely disabled applicants. Severely disabled applicants will be given preference if their suitability, qualifications and professional performance are essentially equal. In this case, please enclose a copy of your severely disabled ID or your certificate of equality.

We look forward to receiving your informative application documents (cover letter, curriculum vitae, certificates, proof of professional career) via our online portal by **31.12.2022** at [www.oth-regensburg.de/jobs](http://www.oth-regensburg.de/jobs).

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**Personnel contact:** Ms. Johanna Bachl, phone no.: 0941/943 1224

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