



With more than 10,000 students, 230 professors and over 700 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 Associate/ Scientific Assistant (m/f/d)

Your tasks:

- Independent work on interdisciplinary projects with industry and within EU
- Development of models for prediction and optimization of the mechanical behavior of additively manufactured metallic structures for biomedical applications
- Development of fluid-structure-interaction models and toolkits for hydrogen applications
- Planning, supervision and evaluation of laboratory and structural tests
- 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.) or in a diploma program (Univ.) in the field of mechanical engineering, computational engineering science, computational materials science.
- Sound knowledge in the field of Finite Element Method (FEM), material modeling as well as programming skills (e.g. MATLAB, Python, C++, ...).
- Scientific, independent approach with excellent analytical skills, initiative, inventiveness, curiosity and critical thinking skills
- Strong teamwork and communication skills
- Very good command of English

We offer:

- Further training and qualification opportunities within the scope of the field of activity (ideally up to a doctorate: corresponding supervision opportunities and support experience on the part of the project management are available)
- Collaboration in a unique, innovative high-tech and innovation environment
- A diversified and autonomous job at a modern workplace on the university campus with flexible and family-friendly working hours
- A well-founded induction as well as a wide range of internal further training opportunities
- Social benefits in accordance with the provisions of the public service, including an additional pension plan and a special annual payment in accordance with the provisions of the TV-L

This is a **temporary full-time position** until **December 31, 2025** with the **option of extension**. Remuneration is in accordance with the collective wage agreement of the federal states (TV-L) in **pay group 13**, provided that the necessary requirements are met. The position can be filled on a part-time basis, provided that job sharing ensures that the task can be performed on a full-time basis.

OTH Regensburg has been awarded the TOTAL E-QUALITY award for exemplary equality and diversity-oriented personnel and university policies. Applications from women are therefore expressly welcome. The position is suitable for severely disabled applicants. Severely disabled applicants will be given preferential consideration if their suitability, qualifications and professional performance are essentially equal. In this case, please enclose a copy of your severely disabled ID or proof of equality.

We look forward to receiving your meaningful application documents (cover letter, resume, references, proof of professional career) via our online portal by **02.04.2023** www.oth-regensburg.de/jobs.





In the case of foreign university degrees, it is mandatory to submit a certificate evaluation to the ZAB as part of the hiring process for a final assessment of the hiring requirements (<https://www.kmk.org/zab/zentralstelle-fuer-auslaendisches-bildungswesen/zeugnisbewertung.html>).

Ostbayerische Technische Hochschule Regensburg; Postfach 12 03 27; 93025 Regensburg

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