



## Postdoc-Position in Biofabrication (m/f/d)

(EG 13 TV-L, 100%, Clausthal-Zellerfeld, Germany)

The Institute for Materials Science and Engineering at Clausthal University of Technology is pleased to announce a **postdoctoral position** available **for one + three years** (1+3 years) which we wish to fill as soon as possible. We welcome applications from individuals who are motivated, enthusiastic, and collaborative, demonstrating a commitment to developing solutions for pressing global challenges. The salary scale for this position is EG 13 TV-L aligning with the German collective labour agreement (indicative gross monthly salary range is €4,188.00 - €6,037.00 depending on experience). This opportunity is suitable for part-time work and is crafted as a qualification position for early career postdocs. However, we encourage outstanding candidates, including those without a PhD, to explore the opportunity to pursue a doctorate at Clausthal University of Technology.

The Institute for Materials Science and Engineering at Clausthal University of Technology has a strong application focus in Research and Teaching. The working group Digitalisation in Materials Science and Engineering has a focus on biologic, architected materials and engineered living materials. The prospective candidate should strengthen this area strategically so that we seek a candidate with a background or interest in biological tissues.

### Key duties and responsibilities:

- In year one, the successful candidate will support development of an EU consortium application. This includes the opportunity to start up their own research along an existing project which will commence in full from year two onwards with research in the following areas:
  - Microfluidic devices,
  - Biofabrication,
  - Bioprinting.
- Publication of research results in international journals.
- Presentation of research results at international conferences.
- Support for teaching in an area related to the research topic(s).
- Support of general processes of the institute such as administrative procedures as well as conceptual and strategic tasks and questions.
- This position is embedded in a strategic collaboration with partners from European and Australian institutions. Therefore, the position offers the opportunity for lab-visits abroad if this is of interest.

### Your profile:



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- Successful completion of a degree programme (M.Sc., diploma or equivalent) in either (bio)materials science, (bio)physics, (bio)chemistry, biomedical engineering, biology, or a similar subject.
- A doctorate in the context of the research fields mentioned above is desirable. Excellent applicants without a doctorate will be offered the opportunity to do a doctorate at Clausthal University of Technology.
- Experience with biofabrication in the context of the above-mentioned research areas is desirable.
- Independent, structured way of working and quick comprehension. This can be illustrated, for example, by first own publications, generated IP, or similar.
- Good written and spoken English and, if necessary, willingness to acquire German language skills.

### **We offer:**

- A defined research project you will lead. However, this does include the opportunity and support to establish your own Junior Research Group.
- Exciting topics and participation in cutting-edge research.
- A family-friendly and collegial working environment in a committed team as well as varied areas of responsibility.
- Flexible working hours and the opportunity to work partly from home or where ever you prefer.

This position is to be filled as soon as possible. Therefore, we review applications and invite for interviews on an ongoing basis. However, we will close the advert on 01/05/2024 or as soon as we have found a suitable candidate.

Remuneration is based on the collective agreement for the public service of the federal states (TV-L). The TV-L provides for a special annual payment at the end of the year. In addition, we offer a separate supplementary pension scheme in the form of a company pension (VBL).

Clausthal University of Technology supports the compatibility of career and family through flexible working time models within the scope of official possibilities and is a member of the university association "Family in the University".

At Clausthal University of Technology we understand that being diverse makes us better which is why we support a culture of respect and equal opportunity, and value diversity at the heart of what we do. We want to increase the diversity of our workplace to underpin a dynamic and creative environment. Consequently, applications from people of all nationalities are welcome. People with disabilities will be given priority if they are suitable.

**When applying, please include a cover letter addressing the points raised above. Please also include a narrative CV, publication list, certificates, etc. We strive to understand the breadth and depth of your achievements as a researcher.** While quantitative indicators may be



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appropriate evidence reinforcing your application, we would like you to tell us about you – broadly in the following four competence areas. Tell us about your (i) Research and scholarship, your (ii) teaching and learning, (iii) academic citizenship inside your institution and within your field as well as your (iv) team- and networking. Please send your application in one PDF file to Prof Dr Uwe Wolfram ([uwe.wolfram@tu-clausthal.de](mailto:uwe.wolfram@tu-clausthal.de)).

Please do not hesitate to contact Uwe Wolfram ([uwe.wolfram@tu-clausthal.de](mailto:uwe.wolfram@tu-clausthal.de)) in case you have any questions.

We look forward to hearing from you!

Please note our information on data protection in the application process under "Job offers" on our homepage: <https://www.tu-clausthal.de/universitaet/karriere-ausbildung/stellenangebote/hinweise-zum-datenschutz-im-bewerbungsverfahren>

Application costs cannot be reimbursed. The application documents will be deleted after the selection procedure has been completed in compliance with the statutory provisions.