

**Senior Researcher / Post-Doc
Research Assistant (m/w/d)**

**at the Institute of Lightweight Engineering
of the Department of Aerospace Engineering
(Entgelt nach Entgeltgruppe 14 TVöD)**

for 3 years with the possibility of extension (duration of employment according to WissZeitVG) in full-time.

The Institute of Lightweight Engineering (www.unibw.de/leichtbau) is concerned with the manufacturing, development and design of lightweight structures made of conventional and modern materials with a focus on fibre reinforced composites. This includes the development and analysis of new lightweight design concepts (especially also in the context of additive manufacturing), the evaluation of the static and dynamic structural characteristics using analytical and numerical calculation methods, and the performance of extensive experimental investigations to verify the methods and theories developed. For this purpose, the institute has a large structural mechanics laboratory with appropriate metrological equipment.

Your tasks:

- Participation in the scientific organization of the institute with the possibility to develop your own research topics
- Acquisition and management of third-party funded projects, planning and coordination of cooperations with industrial partners and other research institutions
- Guidance and support of doctoral students
- Participation in teaching (exercises, internships, supervision of master theses)
- Publication of scientific papers and representation of the institute on national and international conferences

Qualification requirements:

- Above average PhD degree in lightweight engineering or related subjects, ideally with expertise in fibre reinforced composites
- Experience in acquisition and administration of externally funded projects is of advantage
- Excellent English skills; German skills are a plus

What we expect:

- High motivation and pleasure in scientific work
- Responsible and independent way of working
- Ability to communicate and work in a team as well as interest in scientific exchange

What we offer:

- Active promotion of your scientific development, if necessary with the possibility of habilitation
- Pleasant working environment in a friendly and committed team with flat hierarchies
- Very good further training opportunities
- Flexible working hours, mobile working is possible to a limited extent by arrangement
- Attractive sports and leisure facilities on a family-friendly campus
- Allocation to pay group 14 is carried out in compliance with § 12 TVöD with regard to the actual activities to be performed and the fulfilment of personal and collective agreement requirements

If desired, employment can also be in part-time. The Universität der Bundeswehr München aims to increase the proportion of female scientists and employees; applications from women are expressly welcomed. Persons with handicaps will be given special consideration if they are equally qualified.

Are you interested?

Then send your application documents (cover letter, curriculum vitae, degree and work references) in PDF format by e-mail by October 31, 2021 to:

Prof. Dr.-Ing. Philipp Höfer: philipp.hoefer@unibw.de

Phone for queries: 089-6004-5600

With your application you agree that your personal data will be stored, processed and forwarded to the departments involved in the application process for the purpose of the application. You can find more detailed information on data protection under the following link:

<https://www.unibw.de/home-en/footer/datenschutzerklaerung>

We look forward to receiving your application!