

**The Munich Institute of Integrated Materials, Energy, and Process Engineering (MEP) connects the domains of 4D Materials and additive technologies (M), sustainable energy systems (E), and biomanufacturing and process engineering (P) as an interdisciplinary research network. Herein, additive manufacturing plays a pivotal role as enabling technology.**

**We are building a new alliance between TUM and world-leading AM enterprises for which we are seeking a highly motivated researcher in the field of Materials for AM, who is able to work independently, establish an industrial network, and contribute creatively to collaborative teams.**

## **Division Lead Additive Manufacturing Processes (Post-doc, m/f/d) at the Munich Institute of Integrated Materials, Energy and Process Engineering**

### **Requirements**

- Doctoral degree in the fields of additive manufacturing, mechanical engineering, production technology, material science, physics, or comparable fields of study
- A proven background in additive manufacturing processes is mandatory
- Several years of professional experience in industry is strongly recommended
- Active interest in a commitment to the strategy of the institute
- Determination and independent working style, as well as teamwork and communication skills
- Excellent German and English skills

### **Responsibilities**

- Building a network of collaborations with various industrial partners
- Independent handling of projects in the fields of process automation, integration of process control, online monitoring and real-time prediction
- Supervision of lectures and courses in the field of additive manufacturing
- Collaboration in the preparation of research proposals
- Guidance and supervision of students in the preparation of student research projects

### **We offer**

- A stimulating, high-paced environment for cutting-edge research in the field of AM
- Exciting research and work environment within a young and dedicated team
- An exceptional opportunity to experience research in a highly inspiring international environment and learn from some of the world's leading researchers
- Development of own international industrial and academic network
- Independent working atmosphere with the possibility to strengthen own interests
- Employment contract initially limited to 2 years with the possibility of a fixed term extension
- Grouping according to the collective agreement of the federal states (TV-L E14)

## **Application**

If we have attracted your interest, please send the necessary documents via e-mail to [personal.lbam@ed.tum.de](mailto:personal.lbam@ed.tum.de) quoting "Division lead AM processes" in the e-mail subject line. The position will be filled soon; only shortlisted candidates will be notified.

The Technical University of Munich does not assume any costs associated with the performance of interviews.

Severely disabled persons are given preference in the case of essentially equal suitability and qualifications. TUM aims to increase the proportion of women, and applications from women are therefore expressly welcomed.

You will submit personal data when applying for a position at the Technical University of Munich (TUM). Please refer to our data protection information in accordance with Article 13 of the General Data Protection Regulation (DSGVO) <http://go.tum.de/554159> 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**

Munich Institute of Integrated Materials, Energy and Process Engineering (MEP)

Lichtenbergstr. 4a, 85748 Garching

[Application@mep.tum.de](mailto:Application@mep.tum.de)

[www.mep.tum.de/mep](http://www.mep.tum.de/mep)

[www.tum.de](http://www.tum.de)