



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

Faculty VII - Institute of Business Administration / Production and Operations Management

Reference number: VII-734/20 (starting at 03/01/21 / limited for 5 years / closing date for applications 18/12/20)

Working field: Production management is currently undergoing a fundamental change. On the one hand, the opportunities offered by digitalization and connectivity within the value chain are constantly growing, while on the other hand, companies are facing a more and more complex and volatile environment. Integrated in an interdisciplinary team, you will develop and evaluate methods and instruments of Industry 4.0 that enable companies to achieve economic, ecological and social goals. You will cooperate with national and international research partners from science and industry and contribute to the dissemination of your results.

In an attractive working environment, your most central responsibilities will be:

- the initiation and implementation of research projects,
- the publication of research results, and their
- presentation at national and international conferences.

In teaching, you can expect many opportunities to get involved in innovative formats of in-classroom and online teaching. Your focus will be on the further development of lectures and learning games, the preparation, implementation and coordination of exercise sessions and tutorials as well as the supervision of seminar papers, projects and final papers. You will also be involved in the department's organizational activities.

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) in Industrial Engineering, Management Science, Operations Research or comparable
- In-depth knowledge of production management, preferably with interest in approaches to decentralized decision-making in multi-agent systems, production planning and control and / or energy flexibility
- Very good knowledge of quantitative techniques for the modelling and analysis of operational problems (simulation, optimization, data analysis and visualization) as well as their implementation in suitable software (e.g. Aimms / Julia JuMP, Anylogic / Plant Simulation)
- Very good written and spoken German and English skills
- Professional and self-reflected work attitude
- Ability to work in a team in an interdisciplinary and international environment

Please send your application with the **reference number** and the usual documents **only by email** to Prof. Dr. Volling via **service@pom.tu-berlin.de**.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities.

Technische Universität Berlin - Der Präsident - Fakultät VII, Institut für Betriebswirtschaftslehre, FG Industrielles Produktions- und Dienstleistungsmanagement, Prof. Dr. Volling, Sekr. H 85, Straße des 17. Juni 135, 10623 Berlin

The vacancy is also available on the internet at <http://www.personalabteilung.tu-berlin.de/menue/jobs/>

