



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen

part-time employment may be possible

Faculty VII - Institute of Technology and Management / Logistics

Reference number: VII-1/25 (starting at 01/03/25 / until 28/02/26 / closing date for applications 14/02/25)

Working field:

For decades, the economy and culture of the Lausitz region were shaped by the brown coal industry. Today, around 13,000 people are still directly and indirectly employed in this industry. At the same time, thanks to its central location in Germany, the region holds great potential to become an important logistics hub in Europe. In order to exploit this potential, innovative concepts are needed to support the region in this structural change.

The goal of the project "DiSTILL - Digital Simulation Tool for the Further Development of the Lausitz Region into an International Logistics Hub Lausitz" is to map the region's logistics infrastructure as well as the (future) requirements for it in a digital simulation model and make it publicly available. This data-driven tool allows users to evaluate the logistics performance of the region as a whole as well as individual locations. Changes in infrastructure as well as demand can thus be analyzed with the help of what-if scenarios.

Sample objectives of the project include:

- Conducting a demand analysis in the Lausitz region. In the course of this, data on traffic and freight flows from the past will be analyzed and forecasted for the future.
- Data collection of existing as well as planned logistic infrastructure in the region
- Data analysis of logistic traffic and infrastructure data in the Lausitz region and extraction of important findings
- Development of a regional digital simulation tool that combines logistical demand and supply data
- Promotion of the Lusatian region as an international logistics hub

In addition to the TU Berlin, the project consortium includes important stakeholders of the Lausitz region's logistics system as well as a software company, which will be in charge of the development of the simulation tool. In addition to the general project coordination, it will be the task of the two academic project staff members of the TU Berlin to collect the requirements of the participating logistics companies from Lausitz (CT terminal operators and logistics service providers) and to integrate them into the development of the simulation tool, into which expertise in the field of logistics and supply chain management, supply chain analytics, analysis and evaluation of transport networks and simulation of logistics systems will flow from the side of the TU Berlin.

Requirements:

- successfully completed university degree (Master, Diplom or equivalent), with equivalent study content as in the courses of industrial engineering, business administration or business informatics.
- in-depth knowledge of logistics management and technologies as well as multimodal transport logistics
- advanced skills in supply chain analytics, simulation of logistics systems, and analysis and evaluation of transportation networks
- good knowledge of German and/or English required; willingness to acquire the respective missing language skills

Desirable:

- experience in project management
- initial experience in planning and executing marketing activities
- practical experience in the industry and/or in the university sector
- international experience in university or business environment
- high motivation and ability to work in a team.

Please send your written application stating the **reference number** with the usual documents - in a single PDF - to the President of Technische Universität Berlin - **Faculty VII: Institute of Technology and Management, Department of Logistics - for the attention of Prof. Dr.-Ing. F. Straube - Sekr. H 90, Straße des 17. Juni 135, 10623 Berlin** or digitally by e-mail to sekretariat@logistik.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 guarantee 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/.

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. Applications from people of all nationalities and with a migration

background are very welcome.

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

