

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country.

The Chair of Mobility System Planning is located at the “Friedrich List” Faculty of Transport and Traffic Sciences. It is engaged in research and teaching in the four research fields of Mobility Behavior, Survey Methods, Traffic Safety, as well as Mobility Modeling and Simulation. Research topics range from conceptual issues of strategic planning to small-scale analyses of specific street spaces. The chair’s methodological focus is on the empirical analysis of mobility behavior, the application of agent-based models and road space analysis, particularly for road safety. Research on walking and cycling as a cross-cutting issue has a high priority in all four fields of research.

For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the “**Friedrich List**” Faculty of Transport and Traffic Sciences, Institute of Transport Planning and Road Traffic, the **Chair of Mobility System Planning** offers a position as

Research Associate / PhD Student / Postdoc (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **earliest possible date**. The position is limited to 36 months with the option of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification (usually PhD / habilitation thesis). Balancing family and career is an important issue. The position is generally suitable for candidates seeking part-time employment. Please indicate the request in your application.

Tasks:

- scientific research and development activities in the field of agent-based traffic modeling and simulation, e.g. on scenarios of sustainable and active mobility
- scientific teaching tasks and supervision of student research projects
- support of project acquisition and administration of the Chair

Requirements:

- university degree (diploma, master’s degree) and, if applicable, PhD degree (completed or well-advanced procedure) in transportation, computer science or related fields
- experience with transport models and/or simulation tools
- interest in interdisciplinary research on the analysis and modeling of mobility
- dedication and enjoyment of independent work as well as the further development of your own skills
- team spirit and fair and open communication skills
- very good knowledge of German and English

We offer you:

- opportunity for interesting and independent work in a flat hierarchy in an open-minded team and a supportive atmosphere
- possibility of joining national and international research projects
- possibility of developing your own research topics and (for postdoc applicants) establishing your own research field
- extensive offer of further education and training
- flexible working hours and mobile working for a good work-life balance
- job ticket for public transport in Dresden and the surrounding area.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents by **May 12, 2025** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf file to bewerbung_msp@tu-dresden.de or to: **TU Dresden, Professur für Mobilitätssystemplanung, Frau Prof. Regine Gerike, Helmholtzstr. 10, 01069 Dresden, Germany.** Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.