TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. 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. With its 17 faculties in five schools, it offers a wide range of more than 120 degree programs and covers a broad spectrum of research in the fields of energy, mobility and the environment, among others. Around 29,000 students are enrolled at TU Dresden, with about one in six students coming from abroad. In addition, around 9,000 employees from 70 countries work at TU Dresden. 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 three research fields of Mobility Behavior, Integrated Planning and 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 three fields of research.

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 / 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 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:**
- Independent work on research projects in the field of agent-based traffic modeling and simulation, e.g. on scenarios of sustainable and active mobility
- Independent teaching of courses, supervision of student research projects
- Supporting project acquisition and administration of the Chair.

**Requirements:**
- University degree (diploma, master’s degree) and PhD (completed or almost completed procedure) in transportation 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 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 and offers a Dual Career Service. 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 **June 14, 2024** (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](https://securemail.tu-dresden.de) by sending it as a single pdf file to bewerbung_msp@tu-dresden.de or to: TU Dresden, Fakultät Verkehrswissenschaften “Friedrich List”, Institut für Verkehrsplanung und Straßenverkehr, 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](https://tu-dresden.de/karriere/datenschutzhinweis).