



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

The Chair of Transport Systems Planning and Transport Telematics (VSP) deals with modeling and simulation of traffic, evaluation of transport projects, analysis of innovations such as autonomous driving / mobility-as-a-service as well as sustainable design of transport systems. We develop an open-source software for agent-based simulation of traffic systems (www.matsim.org), which we are constantly improving together with a community of international partners according to the latest software standards (Git, Continuous Integration, Cluster Computing, ...).

Faculty V - Institute of Land and Sea Transport Systems / Transport Systems Planning and Transport Telematics

Reference number: V-549/19 (starting at the earliest possible / for a period of max. 5 years / closing date for applications 30/09/19)

Working field:

- Further development of multi-agent traffic simulations (www.matsim.org).
- Collaboration in research projects related to aforementioned topics.
- Collaboration in teaching.
- Cooperation with national and international partners.

Further information: <https://www.vsp.tu-berlin.de>.

Requirements:

- Successfully completed studies (Master, Diplom or equivalent) in computer science or transport with a focus on transport informatics.
- Experience in object-oriented software development.
- Very good programming skills in Java.
- Experience with larger programming projects.
- Good English language skills, written and spoken.
- Good analytical skills, ability to work in a team.

Additional desirable skills:

- Knowledge in terms of the application of the simulation software MATSim.
- Multidisciplinary orientation.

Please send your **written application** with the **reference number** and the usual documents to Technische Universität Berlin - Der Präsident - **Fakultät V, Institut für Land- und Seeverkehr, FG Verkehrssystemplanung und Verkehrstelematik, Prof. Dr. Nagel, Sekr. SG 12, Salzufer 17-19, 10587 Berlin** or by e-mail to bewerbung@vsp.tu-berlin.de.

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.

Please send copies only. Original documents will not be returned.

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

