

Support us as

Traffic engineer / psychologist (traffic psychology, engineering psychology)

as a research assistant in the context of a qualification position

Department 2 | Pay group 13 | Part-time 75% | limited for four years

Your tasks will be

- Carrying out your own scientific qualification through a doctorate with the research topic "Influence of traffic situation and road geometry on the gaze behavior and physiological reactions of road users" mainly through:
 - Literature research, identification of relevant accident blackspots and critical situations for the road traffic tests.
 - Preparation of the measurement technology, conception of field and driving simulator tests.
 - Determination of criteria for the selection of test tracks, conflict situations and test subjects.
 - Creation of routes and intersections with different characteristics and critical conflict situations in the driving simulation software.
 - Carrying out field and simulator tests and analysis of the of the gaze and driving behavior as well as the physiological reactions of vulnerable road users (VRU) and car drivers.
 - Conception of a hazard warning app.
- Publication of the results in scientific papers and presentation at national and international conferences.
- Conduction of courses according to LVVO (currently 3 contact hours).
- Collaboration in the preparation of third-party funding applications to national funding agencies.

This should be your profile

- Completed academic university degree in traffic engineering, psychology, civil engineering or business and environmental informatics with a focus on road design, traffic psychology, engineering psychology, human factors, urban mobility, traffic engineering or traffic safety (accident research).
- Initial teaching experience desirable.
- Good computer skills: MS Office (desirable: R-Statistics, Matlab, Origin or similar)
- Ability to consider and integrate gender and diversity aspects.
- Statistics and programming knowledge (Python, C++) is an advantage.
- Commitment, independence, creativity, enjoyment of scientific work and ability to work in a team.
- Very good knowledge of German and English, both spoken and written.

Do you value diversity and identify with the goal of a cosmopolitan university? Then apply to us!

Online application at: htw.berlin/bewerbung-personal
stating the **ID: 503/2023**

Contact person: Prof. Dr. Borislav Hristov under

Borislav.Hristov@HTW-Berlin.de

Application deadline: 19.03.2023

We will be happy to answer your questions:

Bewerbung-Personal@htw-berlin.de

HTW Berlin has lots to offer

- Mobile working
- Flexible working hours
- Attractive professional development and sports programmes
- Health management
- diverse and varied range of tasks
- Company pension scheme
- 30 days of holiday per year
(plus Christmas Eve and New Year's Eve)

#WeareHTWBerlin

14,000 students and 800 employees who are learning, researching, teaching, and working on two campuses in the southeastern part of Berlin. 75 degree programs in engineering, computer science, business, law, design, and culture. Countless opportunities to shape the future together.

#HTWelcome

For us, "it isn't where you came from, it's where you're going that counts." This applies to students and employees alike: all applications are welcome. As a cosmopolitan university, we value and promote diversity. We give preference to severely disabled people who are equally qualified.

**Vielfältiger,
als Sie meinen!**