

Technische Universität Wien - TU Vienna for short - is located in the heart of Europe, in a place of cultural diversity and living internationality. For almost 200 years, research, teaching and learning have been carried out here in the service of progress. TU Wien is one of the most successful technical universities in Europe and, with over 30,000 students and around 4,600 employees, is Austria's largest scientific-technical research and educational institution.

Announcement of an open position at the Institute of Transportation  
at the Faculty of Civil Engineering at Technische Universität Wien for a Full Professor in

**„Transportation Planning and Mobility Management“**

with a **permanent** (full-time, tenure) contract from 01-03-2020.

It is a professorship according to § 98 UG 2002.

Future technical and socio-economic developments are changing the needs and requirements for spatial mobility, which are realized in the transport infrastructure built for this purpose. Transport planning and transportation engineering are always at the crossroads between living space, people, transport routes and ecosystems. In the mobility sector, highly dynamic developments, fundamental changes and upheavals are expected in the coming decades as a result of digitalization and the renunciation of fossil drive systems.

The professorship is intended to further position and develop the research area "Transportation Planning and Mobility Management" in research and teaching in an international context. As an important planning tool, one focus of the professorship will be the analysis and modelling of complex interactions in the overall system. A strong focus is on the effects of digitization and automation in the transportation and mobility system in the sense of a technology assessment. Particular research topics of interest include transportation flow simulation, transportation demand models, Integrated space use and transportation models and similar topics.

In teaching, the professorship represents the fields of transportation planning, traffic engineering, and modelling as well as mobility management in the Bachelor's, Master's and Doctoral programs in Civil and Environmental Engineering. In addition to relevant teaching experience, the position holder is expected to be highly committed to research-oriented academic teaching. The willingness and ability to acquire third-party funding and to cooperate within the framework of the interfaculty Centre for Mobility and Digitization as well as with other research groups at TU Wien is a prerequisite.

### **Requirements**

- Completed Austrian or equivalent foreign postgraduate university education including PhD or doctoral degree in a relevant field of the announcement
- Venia docendi (university teaching qualification) at an Austrian university or foreign equivalent, or equivalent other teaching qualification
- Outstanding scientific qualification for research and research-oriented teaching
- Pedagogical and didactic aptitude for academic teaching in the research area
- Relevant research experience with national and international reputation, experience in the acquisition, execution and management of research projects as well as the ability to build Networks
- Strong administrative, organizational and social skills, leadership qualifications as well
- Research and teaching concept

### **Further qualifications**

- ability and willingness to work in an interdisciplinary environment

- German language skills or willingness to acquire German language skills in an adequate amount of time and teach in German
- ability and willingness to lead a research unit
- competence or experience in gender mainstreaming
- ability and willingness to contribute to the university's self-administration
- locate future career at Technische Universität Wien

#### **TU Wien offers:**

- Excellent working conditions in an attractive research environment
- An attractive salary combined with a supplementary company pension
- Financial support for research activities in the first few years (equipment, etc.)
- Support for relocation to Vienna (if necessary)
- Dual Career Advice (if required): we offer partners of university professors appointed to TU Wien a variety of support services that are individually tailored to the respective situation.
- A cooperative environment in a city with an exceptionally high quality of life

In accordance with the Collective Bargaining Agreement for University Staff the minimum monthly gross salary for this position is EUR 71 822,80 per year. The actual salary depends on qualification and experience and is subject to negotiations between the successful candidate and TU Wien.

#### **General information about**

- TU Wien is available at [www.tuwien.ac.at](http://www.tuwien.ac.at)
- The Faculty of Civil Engineering is available at [www.bauwesen.tuwien.ac.at](http://www.bauwesen.tuwien.ac.at)
- The Institute of Transportation is available at [www.verkehrswissenschaften.tuwien.ac.at](http://www.verkehrswissenschaften.tuwien.ac.at)

#### **Applications in English must include:**

- A detailed curriculum vitae (professional and scientific career)
- A list of publications
- A list of teaching and lectures
- Copies of 5 of the most important publications of relevance for the advertised position
- Description of scientific activity and completed research and development projects, as well as acquired third-party funds
- Concepts for research and research-oriented teaching at the Faculty (5-7 pages including a short summary)

TU Wien aims at increasing the share of women, in particular in management functions and in the academic/artistic staff and therefore expressly encourages qualified women to apply. Female applicants who are equally qualified as the best qualified competing male applicant will be accepted by preference unless personal qualifications of a competing male applicant prevail.

We endeavor to hire handicapped people with corresponding qualifications and therefore expressly encourage them to apply. For more information please contact the confidential counsellor for handicapped persons at TU Wien, (contact: Gerhard Neustätter, [gerhard.neustaetter@tuwien.ac.at](mailto:gerhard.neustaetter@tuwien.ac.at)).

As a progressive university that is considerate of individual development and realization of potential, TU Wien stands up for equal opportunities, for compatibility of career and family/leisure and for the needs of dual career couples. Child care breaks will be handled in the same manner as in the ERC regulations for principal investigators applying to the starting grant; see: [http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018\\_2020/erc/h2020-wp18-erc\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018_2020/erc/h2020-wp18-erc_en.pdf)

We look forward to your complete application documents by **21<sup>st</sup> June 2019** (date of email or date of postmark) addressed to

Faculty of Civil Engineering  
Technische Universität Wien

Karlsplatz 13  
1040 Wien, Austria  
[[www.bauwesen@tuwien.ac.at](mailto:www.bauwesen@tuwien.ac.at)]

Enclosed with the written application should be a USB flash drive or a CD-ROM containing the complete application documents.

*The dean: Univ.-Prof. Dipl.-Ing. Dr.techn. Ronald Blab*