



TECHNISCHE  
UNIVERSITÄT  
WIEN  
Vienna | Austria



Announcement of an open position at the Faculty of Civil Engineering at Technische Universität Wien for an

## **Assistant Professorship (Tenure Track) in „Modelling of building construction and building processes“**

The Faculty of Civil Engineering at TU Wien is announcing the position for a fulltime (40h per week) Assistant Professorship (Tenure Track) in “Modelling of building construction and building processes” at the Civil Engineering Computer Laboratory, expected to begin on 1st April 2018.

The work contract is initially limited to six years. The candidate and TU Wien can agree upon a tenure evaluation, which when positive, opens the possibility to change into a permanent position as Associate Professor. The position will be associated with the Civil Engineering Computer Laboratory.

This position includes research and teaching in the field of modelling of building constructions and building processes, especially in the context of digitalization in civil engineering. The holder of this position will establish and develop a new Center of Digital Building Processes at the Faculty of Civil Engineering and should connect well to the building and software industry.

The successful candidate is expected to strengthen and enrich the research activities concerning topics in information management, big data in civil engineering, data models, simulation of building processes and building construction modelling. The research should focus on the development and analysis of innovative methods of the digital modelling to improve data communication and life cycle analysis of building constructions.

The successful candidate has scientific experience

- in the modelling of building constructions considering different building materials as well as load bearing analysis up to the stability loss and
- life cycle analysis of buildings, especially cost considerations.

This scientific experience is further verified by research activities and supervision of young researchers (master and PhD theses).

The successful candidate is expected to teach the topics of digitalization of building constructions and building processes to students at bachelor and master level. Additionally, the work duties involves the supervision of Bachelor's, Master's and PhD theses. The willingness to acquire external funding and to collaborate with other research groups at TU Wien in research and teaching is preconditioned.

Requirements:

- Adequate completed Austrian or equivalent foreign university education with relevant PhD
- Activity and involvement in the civil engineering research community
- Scientific publications in international specialized literature
- Experience in teaching (lecturing and presentation skills)
- Experience in research cooperation und scientific committees
- Experience in external funding acquisition
- Scientific work outside of TU Wien
- Experience in the development of organization units for research and teaching
- A working knowledge of English and willingness to learn German within an appropriate time frame
- Team- and communication skills

Entry level salary as a postdoctoral researcher is covered by grade B1 of the Austrian Collective Agreement for university staff, and receives a minimum of currently EUR 3.626,60 pre-tax (14 times a year). After a positive tenure evaluation, this will be upgraded to grade A2, with a current minimum salary of EUR 4.288,80 pre-tax (14 times a year).

TU Wien is committed to increase female employment in leading scientist positions. Qualified female applicants are expressly encouraged to apply and will be given preference when equally qualified.

TU Wien is strongly committed to its diversity hiring goals and strategies ([https://www.tuwien.ac.at/dle/personalentwicklung/tu\\_diversity\\_management/](https://www.tuwien.ac.at/dle/personalentwicklung/tu_diversity_management/)) and strives to employ persons with disabilities with appropriate qualifications and explicitly encourages them to send in their application. For requests please contact the counselling for people with disabilities at TU Wien (Gerhard Neustätter, [gerhard.neustaetter@tuwien.ac.at](mailto:gerhard.neustaetter@tuwien.ac.at)).

Interested candidates are invited to submit their complete application in English including:

- A curriculum vitae
- Achievements in scientific research (including a list of publications and projects)
- Experience and activities in teaching and supervision of young researchers
- Proof of acquisition of external funding
- A concept for future plans in research and teaching, and the contribution to the scientific profile of the Faculty of Civil Engineering and TU Wien, respectively.

You may apply for this position until 8th February 2018 Austrian local time via E-Mail (date of submission). Online applications (in a single pdf-file) should be sent to Mr. Thomas Prager ([thomas.prager@tuwien.ac.at](mailto:thomas.prager@tuwien.ac.at)).

Hardcopy applications must be postmarked on or before 8th February 2018 include a CD-ROM (or a USB drive) containing the entire application. Applications should be addressed to Technische Universität Wien, Fachbereich wissenschaftliches Personal, Karlsplatz 13, 1040 Wien, Austria.

Applicants are not guaranteed a reimbursement of travel and subsistence expenses that might arise due to the job interview.

Weitere Informationen finden Sie unter den folgenden Links:

TU Wien [www.tuwien.ac.at](http://www.tuwien.ac.at)

Fakultät für Bauingenieurwesen [www.bauwesen.tuwien.ac.at](http://www.bauwesen.tuwien.ac.at)

