

Project Assistant (Prae-Doc)

TU Wien is Austria's largest institution of research and higher education in the fields of technology and natural sciences. With over 26,000 students and more than 4000 scientists, research, teaching, and learning dedicated to the advancement of science and technology have been conducted here for more than 200 years, guided by the motto "Technology for People". As a driver of innovation, TU Wien fosters close collaboration with business and industry and contributes to the prosperity of society.

At the **Institute of Structural Engineering/Research Unit Steel Structures**, TU Wien is offering a position as Project Assistant (Prae-Doc) limited to expected 2 years for 40 hours/week. An extension to 4 years is being considered, depending on the third-party project funding. Expected start: September 2025.

Tasks:

- Participation in research projects in the field of data-driven digital twins of transport infrastructure elements
- Deepening scientific knowledge in the field of FE modelling and digital twinning of structures
- Writing scientific publications
- Participation in academic teaching in the research area of steel and composite structures and supervision of students
- Participation in scientific events
- Assistance in organizational and administrative tasks

Your profile:

- A master's degree or diploma in a relevant subject
- Advanced knowledge of FE modelling of structures, as well as expertise and relevant experience in the application of FE programs (ABAQUS)
- Skills in scientific working
- Profound German and English language skills (written and spoken)
- Interest in research and in working with students
- Ability to work in a team, problem-solving skills and creative thinking

We offer:

- A wide variety and exciting range of tasks in a collegial team
- Central location of workplace with a very good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- A range of attractive social benefits (see Fringe-Benefit Catalogue of TU Wien)
- A wide range of internal and external training opportunities, various career options

The position is initially limited to a period of two years, with the possibility of extending the period of employment to up to four years given a positive evaluation and third-party funding. Independently of the period of employment, candidates have the opportunity to write a dissertation.

TU Wien is committed to increasing the proportion of women in particular in leadership positions. Female applicants are explicitly encouraged to apply. Preference will be given to women when equally qualified, unless reasons specific to a male applicant tilt the balance in his favour.

People with special needs are equally encouraged to apply. In case of any questions, please contact the confidant for disabled persons at the university, Mr. Gerhard Neustätter.

Entry level salary is determined by the pay grade B1 of the Austrian collective agreement for university staff. This is a minimum of currently EUR 3,714,80/month gross, 14 times/year for 40 hours/week.

We look forward to receiving your application (in German or English) until May 15th, 2025 to the Email: andreas.stollwitzer@tuwien.ac.at