

University Assistant (Prae-Doc)



30 hours/week | limited to 4 years

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 Sensor and Actuator Systems**, in the Research Unit of Microsystems Technology TU Wien is offering a position as university assistant (prae-doc) limited to expected 4 years for 30 hours/week. Expected start: September 2022.

Tasks:

- Collaboration on research and teaching tasks as well as examinations
- Cooperation and guidance of Bachelor and Master students
- Research and project activity
- Writing a dissertation and publications
- Participation in scientific events
- Assistance/Collaboration in organizational and administrative tasks

Your profile:

- Completion of a master or diploma curriculum in one of these fields: physics, microsystems, mechanical engineering, electrical engineering or applied mathematics.
- Skillful and responsible in theoretical work and simulations.
- Experience in the following scientific fields: mechanics of MEMS devices, non-linear mechanical effects and finite element simulations. Additionally, basic knowledge of bistability in MEMS devices, their fabrication and/or their characterisation is highly appreciated.
- Very good skills in English communication and writing
- Interest in research in the field as well as supervision and work with Bachelor and Master students
- Very good communicative skills and team competences and innovative ability

We offer:

- Continuing personal and professional education and flexible working hours
- Central location of workplace with very good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- Additional benefits for employees can be found at the following link: [Eringe-Benefit Catalogue of TU Wien](#)

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 2,294.00/month gross, 14 times/year for 30 hours/week. Relevant working experiences may increase the monthly income.

We look forward to receiving your application until 07.07.2022.



If you have any questions, please do not hesitate to contact us Carmen Keck | T: +43 1 588 01 406201 Here you can find also relevant information about the [application process](#).

TECHNOLOGY FOR PEOPLE

Furthermore, please note that applicants will not normally be reimbursed for travel costs incurred in connection with this admission process.

