I. University assistant (Postdoc in THz electronics)

40 hours per week, for a period of 6 years

Technische Universität Wien, generally referred to as TU Wien, is amongst Europe’s most successful universities of technology and, with over 30,000 students and a staff of about 5,000, is Austria’s largest scientific and engineering research and education institution.

The EMCE Institute (E354) at TU Wien, research area Microwave and THz Electronics (E354-01), THz-Electronics group is offering a full-time postdoc position (40 hours/week for the period of 6 years), expected start: 04.11.2019.

The focus of the THz-Electronics group is on investigation of THz sources, detectors and systems with a special emphasis on investigation of resonant-tunnelling diodes and THz sources on their basis. Web page of the group: http://www.emce.tuwien.ac.at/en/terahertztechnik.htm

Tasks:

- Research in the field of THz Electronics
- Being involved in teaching, correction of exams, etc.
- Writing and publishing scientific papers in top conferences and journals
- Supervision of students and PhD students
- Participation in organisational and administrative tasks, etc.

Your profile:

- PhD in Electrical Engineering and Information Technology, Physics or similar discipline
- Deep knowledge in THz/microwave electronics or optoelectronics
- Extensive experience in micro- and nano-fabrication technology
- Experience in THz measurement techniques
- Experience with electromagnetic simulations
- Teamplayer and advanced problem-solving skills
- Being ready to work partly in teaching
- Interest and enthusiasm in research and work with students
- Organizational and analytical skills as well as a structured way of working
- Knowledge of German is an advantage

We offer:

- Continuing personal and professional education and flexible working hours
- Central location with very good accessibility (U1/U2/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world

TU Wien is committed to increase female employment in leading scientific positions. Female candidates are explicitly encouraged to apply. Preference will be given when equally qualified. People with special needs are equally encouraged to apply. In case of any questions, please contact the confidant for disabled persons at the university (contact: gerhard.neustaetter@tuwien.ac.at)

Entry level salary as a postdoc is covered by level B1 of the Austrian Collective Agreement for university staff, and receives a minimum of currently EUR 3,803.90/month gross, 14 times/year. Relevant working experiences may increase the monthly income.
We look forward to receiving your application until 09.10.2019.
Link to application form: https://karriere.tuwien.ac.at/Job/116053
If you have any questions, please do not hesitate to contact us.
Carmen Keck: +43 1 588 01 406201
Furthermore, please note that applicants will not be reimbursed for travel costs incurred in connection with this admission process.