Postdoc position in THz electronics at TU Wien, Austria

The THz-Electronics group of the Institute of Electrodynamics, Microwave and Circuit Engineering of the Technical University of Vienna (TU Wien) is offering a Postdoc position. The focus of the 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](http://www.emce.tuwien.ac.at/en/terahertztechnik.htm)

**Postdoc position:** the full-time position is available as from November 1st, 2017 or later for a period of approximately 5 year, B1 salary group. The minimum salary is 3626.60 € per month (x 14 per year).

**Requirements:** PhD in Electrical Engineering and Information Technology, Physics or similar discipline. The focus of the position is on research into THz resonant-tunnelling diodes and development of THz oscillators on their basis. Investigation of other types of THz sources, detectors and systems could be also addressed at a later stage. Therefore deep knowledge in THz/microwave electronics or optoelectronics is required. Especially, considerable experience in THz measurement techniques, electromagnetic simulations and, possibly, micro- and nano-fabrication technology of III-V devices is expected from the candidates. Knowledge of German is an advantage.

Applications will be accepted from 7th to 28th of September 2017 (date on the post stamp).

The University is aiming to increase the share of women especially in the scientific and art disciplines and explicitly asks women to apply for the positions. The priority will be given to applications of women with the qualification equivalent to that of the best competitors, unless other reasons related to the personality of the competitors overweight.

The applications should be sent to Personaladministration, Fachbereich wiss. Personal der TU Wien, Karlsplatz 13, 1040 Wien, Austria. Applications in electronic form could be sent to manuela.reinharter@tuwien.ac.at.

The applicants have no rights to claim any travel or subsistence costs related to the application and hiring process.