



TECHNISCHE  
UNIVERSITÄT  
WIEN



INSTITUTE OF  
ELECTRODYNAMICS, MICROWAVE  
AND CIRCUIT ENGINEERING

Gußhausstraße 25/354  
1040 Wien, Austria  
<http://www.emce.tuwien.ac.at>

### PhD-Student position in THz technology at the TU Wien

The THz-Electronics group of the Institute of Electrodynamics, Microwave and Circuit Engineering of the Technical University of Vienna (TU Wien) is offering a PhD-Student position. The group is focused on investigation of THz sources, detectors and systems with a special emphasis on investigation of THz sources based on resonant-tunneling diodes.

**PhD-student position:** 25 hours per week position is available as from January 1st, 2017 or later for a period of 4 years, B1 salary group. The minimum salary is 1685.31 € per month (x 14 per year).

**Necessary requirements:** a relevant completed MS, Magister or Diploma thesis or an equivalent University study in Electrical Engineering and Information Technology, Physics or similar discipline.

**Other qualification:** deep basic knowledge in high-frequency electrical engineering or physics of electronic or optoelectronic devices; experience with semiconductor technology, E-beam lithography, THz or high-frequency measurements and electromagnetic simulations is advantageous. The position will be preferably given to a person without completed PhD thesis.

Knowledge of German language is required for assistance in teaching at the BS level.

Applications will be accepted until 7<sup>th</sup> December 2016 (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. Online applications could be sent to [manuela.reinharder@tuwien.ac.at](mailto:manuela.reinharder@tuwien.ac.at).

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

**Official announcement** is on the web site <http://www.emce.tuwien.ac.at/en/aktuelles.htm>  
(another open position will be soon announced there, where the knowledge of German is not required)