

Vacancy Notice 250/2019

The Otto von Guericke University Magdeburg (OVGU) is an internationally oriented and regionally networked university with a strong research profile.



The Faculty of Electrical Engineering and Information Technology seeks to fill the following vacancy at the Chair for Electronics:

Research Associate (m/f/d)

Salary Scale:	Date commencing:	Fixed term until:	Contract status:
13 TV-L	next possible date	3 years with extension option	100 %

Chair for Electronics is part of the Institute for Information and Communication Technology. The main research targets of the Chair for Electronics are design of integrated analog and high-frequency circuit blocks and transceivers in advanced silicon-based technologies. The integrated chipsets target radar systems for biomedical, industrial, consumer and automotive applications.

Main responsibilities:

- Research in the field of analog and RF integrated circuits
- Design of mm-wave circuit blocks for radar applications in silicon-based technologies
- Integration of System-on-Chip at mm-wave frequencies (60GHz and higher)
- Measurement verification of the circuits on-wafer and on board
- Support of teaching activity by conducting the tutorials and CAD experiments (4SWS)
- Co-supervision of the Bachelor and Master theses together with the chairholder
- Writing conference and journal papers, presenting results at international conferences

Requirements for the position:

- Master or diploma degree in the field of electronics with very good grades
- Profound understanding of analog circuit design
- Very good knowledge of high-frequency engineering
- Experience with Cadence Virtuoso is a plus
- Experience with electromagnetic (EM) field solvers is a plus
- Good MATLAB knowledge is an advantage
- High motivation, high level of self-sufficiency and creativity
- Good presentation skills of technical results
- Very good level of English

Pursuing PhD degree or habilitation is encouraged and strongly supported within the frame of the given employment period with the possibility of extension. The intended targeted research work provides possibility for publications in international conferences and journals. We offer interesting topics and excellent environment for research work on mm-wave integrated circuits.

For further information about the position, please contact Prof. Dr.-Ing. Vadim Issakov per email: Vadim.Issakov@ovgu.de

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

Please note the information for storage of personal data: https://www.uni-magdeburg.de/Datenschutz_Bewerber.html

Please send your complete application (cover letter, curriculum vitae, references) quoting reference number 250/2019 by Oct 15th 2019 (date of receipt of application) to the address below: