

The **Faculty of Mathematics, Computer Science, Physics, Electrical Engineering and Information Technology** of Brandenburg University of Technology (BTU) Cottbus–Senftenberg invites applications for a professorship commencing at the earliest opportunity:

# PROFESSORSHIP

## Electronic systems and sensors (w3) (ELEKTRONISCHE SYSTEME UND SENSORIK)

The department is technically assigned to the Institute of Electrical Engineering and Information Technology.

In research, the professorship is dedicated to electronic systems and sensor technology. It thus forms a link between BTU's scientific research in the field of microelectronics and application-related issues that drive the transfer of scientific findings to industrial applications. In addition to the respective professorships, microelectronics topics are also dealt with at BTU in joint labs with the Leibniz Institutes FBH and IHP and the Fraunhofer Institutes IZM and IPMS. The thematic orientation of the professorship is intended to be particularly well suited to this research environment in the field of microelectronics and microwave electronics and to expand the BTU's research competence to include the field of electronic systems and sensor technology, thus creating synergies.

The BTU is looking for an internationally renowned personality who is highly committed to representing the field of Electronic Systems and Sensor Technology in research and teaching.

After several years of scientific activity, the future position holder should have excellent national and international networks, have performed management tasks in research and development and have gained experience in the acquisition of third-party funds and in the implementation of third-party funded projects.

The teaching responsibilities include lectures, exercises and practical training in the bachelor's and master's programs for students of electrical engineering, information and media technology, mechanical engineering and industrial engineering. Methodical and didactic skills in the field as well as the willingness to offer courses also in English and in application-oriented courses are required.

For further information contact:

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Other duties result from the requirements set by § 42 Brandenburgisches Hochschulgesetz (Higher Education Act of the State of Brandenburg - BbgHG) in conjunction with § 3 BbgHG. Prerequisites and conditions of employment follow §§ 41 paragraph 1 (no. 1 - 4a) and 43 of the BbgHG. Experience in the acquisition and realization of third-party funded projects is expected. Fields of research should be relevant for the DFG (German Research Foundation) or similar international research funding organizations. Lectures are primarily to be held in German, fluency in English is expected.

BTU strives to increase the proportion of women in teaching and research and specifically encourages qualified female scientists to apply.

As a family-oriented University, BTU offers a Dual Career Service..

Qualified applicants with disabilities will be given priority.

Please review the data protection information on the BTU website.

The application, including academic certificates, curriculum vitae, a list of publications, as well as proof of teaching experience, should be sent by e-mail in a single pdf file with max. 7 MB **until 24.09.2020** to:

**Dean of the Faculty of Mathematics, Computer Science, Physics, Electrical Engineering and Information Technology, BTU Cottbus - Senftenberg, Postfach 101344, 03013 Cottbus**

**Email:** [fakultaet1+bewerbungen@b-tu.de](mailto:fakultaet1+bewerbungen@b-tu.de)



The BTU carries the seal of quality of The German Association of University Professors and Lecturers (Deutscher Hochschulverband, in short DHV). She is thus honored for her fair and transparent negotiations on the appointment of new professors.