

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 SOFTWARE AND SYSTEMS ENGINEERING (PRAKTISCHE INFORMATIK/ SOFTWARESYSTEMTECHNIK) (W3)

commencing at the earliest opportunity.

We are looking for candidates with a strong, internationally recognized research background in at least two of the following fields.

- Software architectures
- Model-driven system development
- Component-based software
- Agile, continuous, lean software development processes
- Requirements and design specifications
- Software quality assurance and quality management
- Static and dynamic program analysis
- Software in Cyber Physical Systems

The faculty provides many opportunities for cooperation with the research groups of the Computer Science Institute, the Institutes for Electrical Engineering/Information Technology, Medical Technology and the Leibniz Institute for Innovative Microelectronics (IHP) Frankfurt/Oder. The successful candidate will be expected to offer modules in the IT study programs (including computer science, information and media technology, cybersecurity, eBusiness, and medical informatics). In addition, courses are to be taught as part of the study programs of other faculties.

For further information please contact

Prof. Dr. Jörg Nolte

E fakultaet1@b-tu.de

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. Please refer to §§ 41 paragraph 1 No 1 - 4a and 43 BbgHG for prerequisites and conditions of employment. 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 **2 April 2020** to: **fakultaet1+bewerbungen@b-tu.de**

**Dekan der Fakultät MINT - Mathematik, Informatik, Physik, Elektro- und Informationstechnik,
BTU Cottbus - Senftenberg, Postfach 101344, 03013 Cottbus**



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.