

The **Brandenburg University of Technology (BTU) Cottbus–Senftenberg** is a research-oriented university that combines its role as the central university of Lusatia with a strong international perspective. It offers a combination of basic and application-oriented research with a focus on the environment, energy, materials, construction, health, and information and communication technology.

The **Faculty of Mathematics, Computer Science, Physics, Electrical Engineering and Information Technology** invites applications for a

Professorship (w3) in Analysis

commencing at the earliest opportunity.

The appointee will be expected to sustain a leading research programme, and to be active in developing and submitting competitive applications for external funding. The successful applicant will have an outstanding track record of independent research of international standing in the analysis of partial differential equations, for example in the direction of nonlinear partial differential equations, calculus of variations, or evolution equations. The successful candidate is expected to actively contribute to the research in Optimisation and Numerics at the Institute of Mathematics and to be open towards collaborations with other researcher from science, engineering or economics at the BTU. Applications that are addressing the fields of research at the BTU are particularly welcome. Candidates should have a strong portfolio of relevant undergraduate and graduate teaching where the appointee will take responsibility for the curricula in analysis, functional analysis and partial differential equations. Contribution to the teaching in other areas of studies is expected. Lectures are primarily to be held in German, fluency in English is expected. Experience in the acquisition and realisation of third-party funded projects is expected. Fields of research should be relevant for the DFG (German Research Foundation) or similar international research funding organisations.

For further information, please contact Prof. Dr. rer. nat. habil. Gerd Wachsmuth, Tel. +49 355 69-3131 / email: gerd.wachsmuth@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.

BTU Cottbus-Senftenberg is committed to equal opportunities and diversity and strives for a balanced gender ratio in all employee groups. Person with a severe disability and their equals are given priority in the case of equal suitability. As a family-oriented University, BTU offers a Dual-Career-Services.

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 a max. 7 MB until **01.08.2022** 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

When sending your application by unencrypted e-mail, please be aware of the risks regarding the confidentiality and integrity of your application content and please also note the data protection information on the BTU website.



Die BTU trägt das Gütesiegel des Deutschen Hochschulverbandes (DHV). Sie wird damit für ihre fairen und transparenten Verhandlungen zur Berufung von neuen Professorinnen und Professoren ausgezeichnet.