

The **BTU** is a young university that is actively helping to shape the structural change in the Lausitz region of Germany for the phasing out of lignite (brown coal) and is providing scientific support for these transformation processes in many ways. In the coming decades, the region will be one of the most exciting real-life laboratories in Germany, from which pioneering development impulses should emanate. Employment at the BTU therefore more than ever promises participation in development processes towards a sustainable and climate-friendly future.

The **Faculty of Architecture, Civil Engineering and Urban Planning** of Brandenburg University of Technology (BTU) Cottbus – Senftenberg, invites applications for a

PROFESSORSHIP

Civil Engineering Materials and Chemistry (w3)

with focus on research commencing on 01.10.2023.

The professorship is located at the Institute of Civil Engineering. We are looking for a nationally and internationally renowned candidate with experience in the fields of materials and chemistry used in civil engineering applications as a civil engineer or in a closely related natural science discipline, proven by research and teaching. Practical experience is desirable. As the candidate is supposed to take over courses for first-year students, special pedagogical skills are desired.

The candidate is to represent the aforementioned fields in research and teaching in civil engineering and in other BTU degree programmes. Lectures are to be held in German and English in the Bachelor's and Master's degree programs of the BTU

Experience in the application and development of innovative and conventional construction materials (concrete technology including concrete renovation, metals, wood-based materials and other sustainable building materials) is desirable for networking with the other departments of the faculty with regard to material-independent research.

An active participation in preferably interdisciplinary, experimental research is expected. For this purpose, a concrete testing lab, the laboratory facilities of the department (chemical and physical analysis) and the faculty owned research and materials testing institute (FMPA) are available.

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.

Scientific contributions to realize the structural change in Lusatia and to the associated transformation processes are expressly desired. Participation in the academic self-administration and in the profiling of the faculty is required.

For further information please contact Prof. Dr.-Ing. Mathias Euler: Tel. +49 355 69 2255, email: mathias.euler@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.



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.

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 **28.07.2022** to:

**Dean of the Faculty of Architecture, Civil Engineering and Urban Planning
BTU Cottbus - Senftenberg, Postfach 101344, 03013 Cottbus**

Email: fakultaet6+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.



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