



The **Brandenburg University of Technology Cottbus–Senftenberg (BTU)** is a young and dynamic university and the only technical university in the State of Brandenburg. With more than 1,500 employees, BTU is one of the largest employers in the Lusatia region. BTU is also attractive because of the compatibility of work and family.

In the **Faculty of Mechanical Engineering, Electrical and Energy Systems** in Cottbus, there is a position available at the **Chair of Thermal Energy Technology**, to be filled at the earliest opportunity:

Academic staff member (m/f/d) (qualification position)

limited to a period of 4 years, full-time, E 13 TV-L

Reference number: 14/24

As an academic staff member you will conduct research at the Chair of Thermal Energy Technology in connection with the Hydrogen Research Center at BTU with focus on **»Process simulation of electrolysis plants for hydrogen production«**.

These are your tasks:

- Conducting research within the aforementioned focus area
- Engaging in publication and presentation activities related to the research topic
- Proactively participating in the preparation and execution of third-party projects (BMBF, BMWK, DFG, Horizon Europe, ILB, or industrial projects)
- Contributing to the fulfillment of teaching duties within the department
- Preparing and delivering lectures, seminars, or exercises, along with other teaching-related administrative tasks, including the development of teaching materials, aids, and collections of tasks
- Involvement in the supervision of student research and thesis projects
- Handling additional administrative tasks related to research
- Conducting in-depth individual research to prepare for a doctoral thesis or to provide additional scholarly contributions, accounting for at least one-third of the total working time.

These are your requirements:

You have successfully completed a scientific university degree recognized by the collective labor agreement TV-L (i.e. accredited master's degree or university diploma or equivalent) in a relevant discipline (Energy Engineering, Chemical Process Engineering, Chemical Engineering, Physics, or comparable).

You should possess in-depth methodological knowledge in the fields of process and energy technology, as well as excellent proficiency in both German and English, both spoken and written. Experience in proposal writing, project execution, and project management in research projects is desirable.

Your attributes should include the ability to conduct scientific research, independence, organizational skills, and teamwork. Additionally, you should demonstrate initiative, flexibility, and strong communication skills. Negotiation skills, resilience, and an analytical approach to work are also essential qualities. Your profile is complemented by a willingness to undertake business trips.

For more information about the position to be filled, please contact Prof. Dr. Lars Röntzsch (e-mail: Lars.Roentzsch@b-tu.de; phone: +49 (0) 355 69-4501).

We offer you:

We appreciate diversity and welcome all applications regardless of gender, nationality, ethnic and social background, religion/worldview, disability, age, as well as sexual orientation and identity.

The BTU Cottbus-Senftenberg is committed to equal opportunities and diversity and strives for a balanced gender ratio in all employee groups. Persons with a severe disability as well as persons of equal status will be given priority in the case of equal suitability.

The BTU aims to increase the proportion of women in research and teaching and therefore strongly encourages qualified female applicants to apply.

The submission of application photos is not required.

Please refer to the detailed [information on the selection process](#) on the BTU website.

Please send your application documents in a **single PDF document, stating the reference number, exclusively by e-mail by 29.02. 2024** to the **Dean of the Faculty of Mechanical Engineering, Electrical and Energy Systems, Brandenburg University of Technology Cottbus-Senftenberg**, e-mail: fakultaet3+bewerbungen@b-tu.de.



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