Assistant Professorship(s) in Energy Systems

The Department of Business Development and Technology (BTECH) at Aarhus BSS, Aarhus University, invites applications for assistant professorship positions in energy systems.

An assistant professorship is a three-year, full-time position. The starting date is 1 September 2025 or as agreed.

Assistant professors divide their time equally between research and teaching activities. The successful candidates will join the EngTech research section and the Centre for Energy Technologies (CET).

Job description

At BTECH, we have a strong focus on company collaboration, which is reflected in our research and study programmes. We expect you to push the research frontier through applied research in the field of energy systems. If you also have the competences to enhance our students' educational development and contribute to knowledge building in companies and society, you may be the candidate we are looking for.

We expect you to have a background in electrical engineering, mechanical engineering or a related field, with research interests in one or more of the following areas:

- Advanced technologies in energy generation, distribution and demand—always with a focus on both technology and business.
- Analysis of the power system and its resilience under various contingency scenarios.
- Energy systems and business models, with an emphasis on energy harvesting.
- Designing optimal sizing and placement strategies for energy storage and production across transmission and distribution networks.
- Digital methodologies and solutions that support the transition of energy systems towards sustainability (artificial intelligence and machine learning for data analysis, scenario design, optimisation, etc.).

Candidates are expected to teach and supervise students in our study programmes, particularly the MSc in Engineering (Technology Based Business Development) programme, which includes a specialisation track in energy. Teaching in our other study programmes, such as the two Bachelor of Engineering programmes in Forretningsudvikling (Business Development) (cyber-physical systems/product and system development) and Global Management and Manufacturing (production and manufacturing systems), may also become relevant. Candidates should therefore be prepared to teach courses in one or more of the following topics: energy supply and production, energy demand and consumption, and security and resilience of the power system.

Your qualifications

Employment as an assistant professor requires a PhD degree in a field relevant to the position.

Applicants are encouraged to describe how their research is relevant to the industry. The description could include concrete collaborations, impact, dissemination activities, etc.

Further information

For further information about the position and the department, please contact CET Director Georgios Fotis, tel.: +45 93521672, email: gfotis@btech.au.dk.

If you need help uploading your application or have any questions about the recruitment process, please contact HR Supporter, Charlotte Thomsen, tel.: +45 8716 5362; email: charlotte@au.dk.

Deadline

1 May 2025.

International applicant?

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Please find more information here:

Application Deadline:
01 May 2025

Faculty:
Aarhus BSS

Institute/Faculty:
Department of Business Development and Technology

Academic contact person:
Georgios Fotis
Lektor
gfotis@btech.au.dk
+4593521672

Number of months:
36

Expected date of accession:
01/09/2025

https://internationalstaff.au.dk/relocationservice/

Please find more information about research opportunities at Aarhus University here:
http://international.au.dk/research/

Terms of employment

The appointment is made in accordance with the Memorandum on Job Structure for Academic Staff at Danish Universities as well as the circular on the Collective Agreement for Academics Employed by the State (in Danish).
The job content and qualification requirements are described in further detail in the Ministerial Order on the Appointment of Academic Staff at Universities.

Application procedure

When you apply for this position it is mandatory to attach the following:

- Application

- Curriculum Vitae. You are encouraged to declare any periods of leave without research activity, including, for example, maternity leave, since your research activities are assessed in relation to your actual research time

- Education (diploma for master's, PhD and possibly higher doctoral degree)

- List of publications (the enclosed publications must be clearly marked on the list of publications)

- Publications. Up to three publications may be submitted. In the event of several authors the publications must be accompanied by a co-author statement concerning the applicant's share of the collaborative work with the consent of the co-authors. This template may be used for the purpose

- Teaching portfolio. The specific requirements regarding the documentation can be found here

Materials that cannot be uploaded together with the application may be submitted in three copies to Aarhus BSS HR & PhD, Aarhus University, Tåsingegade 1, 2nd floor, DK-8000 Aarhus C.
Read more about how to apply for an academic position at Aarhus BSS here.

The evaluation process

After the application deadline, an assessment committee is appointed. Please note that the assessment of applicants is based solely on the material received prior to the application deadline. For further information, see Guidelines for Assessment Committee, Aarhus BSS.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,300 employees, and has an annual revenues of EUR 935 million. Learn more at www.international.au.dk/