Electronics – Tenure Track Assistant Professor/Associate Professor

Application Deadline:
10 April 2026

Institute/Faculty:
Department of Electrical and Computer Engineering

Faculty:
Faculty of Technical Sciences

Academic contact person:
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Vacant positions:
1

Hours per week:
37

Expected date of accession:
01/08/2026

Department of Electrical and Computer Engineering (ECE), Aarhus University (AU) invites applications for a position as Tenure Track Assistant Professor/Associate Professor in electronics. The University has made an ambitious recruitment plan to expand its activities significantly within research and education in the Engineering Sciences. Therefore, the University seeks exceptional, innovative and visionary Engineering researchers to be part of this build-up to strengthen and develop ECE at Aarhus University.

Job description

The Tenure Track Assistant Professor/Associate Professor position is expected to engage in independent research and is encouraged to establish a research group based on external funding. Moreover, teaching classes (both existing or development of new) in our educational programs at both undergraduate and graduate level, as well as supervising bachelor's and/or master's thesis students is expected. The job will provide an academic position within a flourishing interdisciplinary arena, in a competence rich environment with ambitious and supportive colleagues.

Applicant profile

Applicants are expected to have a solid background in electronics for sensors and instrumentation, with experience in low-signal and low-power design, sensor technologies, analog front ends, mixed-signal systems, and transducer-to-system data acquisition, control, and embedded integration. Experience with system architecture, digitalization, and IoT-enabled instrumentation is highly relevant, as is application-oriented development in areas such as medical devices and MedTech, industrial monitoring, and sensing solutions in demanding operational environments.

Documented teaching in analog electronics, including course planning, preparation, and delivery, is required. The candidate should also be able to contribute to teaching and supervision within low-power analog and digital electronics, switching-mode technologies, and design-for-manufacturing and design-for-testing (DFM and DFT). Familiarity with industrial requirements and standards such as ATEX and SIL is an advantage.

A relevant PhD and postdoctoral training or similar are required. The candidate must have excellent communication skills and be able to teach and supervise students in English. For non-Danish speaking applicants, Danish language skills are expected to be developed over a five-year period to enable teaching and supervision in Danish.

The department welcomes candidates who combine strong fundamentals with forward-looking perspectives in sustainable electronics, including low environmental impact and cradle-to-cradle principles, as well as AI-assisted development, AI methods for circuit design, and validation and security considerations in AI-supported workflows. The applicant should be motivated to build relationships and contribute positively to the social working environment.

Application

Your application must be in English and include a Curriculum Vitae including research activities, R&D experience, a complete publication list as well as your teaching, funding, and leadership experience. Also, a research plan and a teaching plan/statement (length of 2-3 pages each, including your planned future teaching and research directions) are required. Please provide your Researcher ID/Scopus ID, Google Scholar profile link, and/or a unique search query in Web of Science to retrieve your publication and citation track record. Also, please provide names of references (minimum 3) whom the search committee may contact directly. All applications must be made online.

The position is available from August 1, 2026 or as soon as possible thereafter.

Place of employment and place of work

The place of employment is Aarhus University, and the place of work is the Department of Electrical and Computer Engineering, Finlandsgade 22, 8200 Aarhus N, Denmark.

Further information

For more information, please contact Head of Electrical Energy Technology Section Björn Andresen bjra@ece.au.dk, Head of Section of Biomedical Engineering Peter

Johansen, pj@ece.au.dk,or Head of Department of Electrical and Computer Engineering Mikael Bergholz Knudsen, mbk@ece.au.dk.

Deadline

All applications must be made online and received by April 10, 2026.

Technical Sciences Tenure Track

Aarhus University offers talented scientists from around the world attractive career perspectives via the Technical Sciences Tenure Track Programme. Highly qualified candidates are appointed as Assistant Professors for a period of six years with the prospect of performance- based advancement to a tenured Associate Professorship.

The aim of the Technical Sciences Tenure Track Programme is to:

- attract outstanding talented individuals that are competitive at an international level
- to promote the early development of independent research success early in the career of scientists
- to create transparency in the academic career path

As part of the tenure track position, the candidate is offered:

- access to research infrastructure
- capability development, including postgraduate teacher training
- a mentoring programme
- support to develop scientific networks and to secure interdisciplinary research at the highest level

As part of the Aarhus University Tenure Track Programme, the University carries out a mid-way evaluation to review the progress of the tenure track candidate after three years, according to the same criteria used in the final tenure review. The final tenure review is conducted after five and a half years. If the review is positive, the candidate will be offered a tenured position as Associate Professor at Aarhus University.

Please refer to the tenure track guidelines for the tenure review criteria and for the tenure review process.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the assessment committee if necessary, – the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee and will receive his/her assessment. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee's contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee's contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline.
Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

If you wish to add a referee **after** you have submitted your application, you must send this person's details (name, job title, place of work, and email address) as well as the name of the position you have applied for to: HR.Nattech@au.dk

Formalities and salary range

Technical Sciences refers to the Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation.

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found here.

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Taxation and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the Memorandum on Job Structure for Academic Staff at Danish Universities.

Salary depends on seniority as agreed between the Danish Ministry of Taxation and the Confederation of Professional Associations.

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.

Ensuring gender balance at the Department of Electrical and Computer Engineering is a high priority at Aarhus University, and therefore, we particularly encourage women to apply for this position. No candidate will be given preferential treatment, and all applicants will be assessed on the basis of their qualifications for the position in question.

Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

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

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/