Tenure Track Assistant/Associate Professor in Computer Vision and Artificial Intelligence

Aarhus University, Denmark - an international top-100 university - has made an ambitious recruitment plan to expand the Department of Electrical and Computer Engineering. Therefore, the department invites applications from candidates motivated by excellence in research and teaching and external collaboration on societal challenges.

We invite applications for the position of Assistant Professor (tenure track) or Associate Professor in Computer Vision and Artificial Intelligence at the Department of Electrical and Computer Engineering, Aarhus University. The job is available from 1 December 2025, or as soon as possible after that.

The Department of Electrical and Computer Engineering is organized into sections. The position is anchored in the "Signal Processing and Machine Learning" section [1]. This section currently has 7 research groups. The section groups conduct research across a broad range of subdisciplines within Machine Learning, Artificial Intelligence, Computer Vision, and Signal Processing. The disciplines are applied in diverse domains, including Robotics, Geophysics, FinTech, BioScience/Agriculture, Medicine, and others. The section also participates in the AU DIGIT center. We encourage interdisciplinary and research-based innovation, and our externally funded projects collaborate extensively with companies outside AU. The section members teach electrical and computer engineering students at the BSc and MSc levels, covering topics such as Machine Learning, Computer Vision, Signal Processing, Control, and Applied Mathematics, among others.

Application Deadline:
25 September 2025

Faculty:
Faculty of Technical Sciences

Institute/Faculty:
Department of Electrical and Computer Engineering

Academic contact person:
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Vacant positions:
1

Hours per week:
37

Expected date of accession:
01/12/2025

Job description

Your tasks will be to conduct independent research of the highest international quality within Computer Vision and Artificial Intelligence, or related fields, and you will be responsible for teaching and supervising Bachelor's and Master's degree students at the department. We will encourage you to build your own research group within the department, including Postdoctoral Researchers and PhD students. We assume you will be able to attract external funding to make this happen. Aarhus University has resources to help you in this. You will get the opportunity to collaborate in national and international research environments. In your daily work, you will work closely with Danish and international colleagues in a multidisciplinary environment. We anticipate you will be an engaged part of the research and teaching environment, able to collaborate and build relationships, and contribute positively to the social working environment. We do not expect you to speak/write Danish when you arrive, but we expect you to learn.

Your profile

You have a Ph.D. in Electrical and Computer Engineering (or a similar area) related to Computer Vision and Artificial Intelligence, and demonstrate solid research at a high international level.
We particularly welcome candidates with expertise in Computer Vision and Artificial Intelligence, preferable but not limited to one or more of the following areas:

- Vision-language models
- 3D scene understanding and point cloud processing
- Robotic perception and interaction using vision
- Visual foundation models and large-scale representation learning

You have a clear research direction for the near future, and your research will possibly supplement the current research activities in the section or link to these.
Experience within scientific leadership and the possibility to attract external research funding is preferential.
You are a clear communicator and have experience in supervision and teaching at Bachelor's and Master's degree levels, so it is expected that you also commit to high standards in education. It is positive if you have completed pedagogical teaching and supervision courses, otherwise Aarhus University offers these courses.
You have completed one or more productive stays at a university outside Denmark.

Place of work and area of employment

The place of work is Finlandsgade 22, 8000 Aarhus N, Denmark, and the area of employment is Aarhus University with the Department of Electrical and Computer Engineering.

Application

Your application must be in English and include a Curriculum Vitae that outlines your research activities, R&D experience, a complete publication list, and your teaching, fundraising, and leadership experience. Also, a teaching plan/statement and a research plan (2-3 pages each, including your planned future teaching and research directions) are required. Also, please provide names of references.
State in your application if you are applying as an Assistant Professor or an Associate Professor.

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.

Contact information

For further information, please contact Professor (docent) Henrik Karstoft, hka@ece.au.dk, +4541893270.

Deadline

Applications must be received no later than 25 September 2025.

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.

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/