TAP support for the EuroCC3 project on AI and HPC

The Department of Electrical and Computer Engineering, Aarhus University, invites candidates to apply for a 34-month full time TAP (technical and administrative) position on research support and software development for high-performance computing as part of the EuroCC3 project.

Application Deadline:
22 April 2026

Institute/Faculty:
Department of Electrical and Computer Engineering

Faculty:
Faculty of Technical Sciences

Academic contact person:
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Lektor
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Vacant positions:
1

Number of months:
34

Hours per week:
37

Expected date of accession:
01/06/2026

Expected start date and duration of employment

This is a 34-month position from June 1, 2026 or as soon possible.

Job description

EuroCC3 is the follow-up project of the EuroCC (European Competence Centre) and EuroCC2 on High-Performance Computing (https://www.deic.dk/da/eurocc-denmark). The national competence centres (NCCs) support users to harness the potential of high-performance computing, data analytics and AI. The activities and services offered by NCC Denmark will be targeted to companies/SME academia and public administration. As a member of the team in Aarhus, you will ensure that future researcher and public administrators have the correct set of competences to use HPC. This is done by services that provide “state-of-the-art” and “best-practices” information for academia and public administration and includes support of development activities (TRL 4-5) where proofs-of-concept will play an important role.

Your profile

Applicants should ideally hold an MSc degree in computer science, computer technology, computer engineering or similar relevant domain.

We are seeking excellent candidates with a background in high-performance computing, data analytics, and AI as well as experience in research support and stakeholder interaction.
Prior experience in contributing to research projects with European partners is a plus.
A very good background in programming (full stack) and a good understanding of the complete software engineering cycle (requirement collection, design, implementation, testing and DevOps) for HPC software tools is needed.
In addition, it is an advantage if the candidate has:

- An ability to work as part of a team, especially in the context of HPC for AI and simulation, and software development
- Ability to use research grids, public clouds, and private clusters for research and software development needs
- Ability to develop software in multiple programming languages relevant to HPC (e.g. Python, Julia, Rust, C/C++, Fortran, Java)
- Publication experience
- Experience in developing open source solutions and maintaining them over an extended period using DevOps techniques

An ability to work and interact with stakeholders from academia, Danish SMEs and the public sector.

Who we are

Electrical and computer engineering are closely related engineering disciplines that focus on the development of hardware and software for intelligent units and networks. This includes hardware at system and component levels as well as many different types of software for controlling electronic devices and networks.

The research areas within the Electrical and Computer Engineering Section at Department of Engineering support the development within this area. The outcome greatly influences our daily lives as advanced technologies are incorporated into an increasing number of products, for example in industrial processes, at hospitals and in information infrastructures.

The place of work is Finlandsgade 22, DK-8200 Aarhus N, Denmark and the area of employment is Aarhus University with related departments.

What we offer

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Place of work and area of employment

The place of work is at Finlandsgade 22, DK-8200 Aarhus N, Denmark, and the area of employment is Aarhus University with affiliated institutions.

Contact information

For further information, please contact: Associate Professor, Lukas Esterle, +45 22464893, lukas.esterle@ece.au.dk

Deadline

Applications must be received no later than April 22, 2026.

Formalities and salary range

Salary and terms as agreed between the Danish Ministry of Taxation and the Confederation of Professional Unions.

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 37,000 students (FTEs) and 8.700 employees and has an annual revenue of EUR 1.106 billion. Learn more at www.international.au.dk/