Assistant Professors in Computer Science (Computer Architecture & Programming Languages)
Aalto University

Job Title	Assistant Professors in Computer Science (Computer Architecture & Programming Languages)
Department	T313 Dept. Computer Science
Institution	Aalto University , , Finland
Date Posted	Jan. 31, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Computer Science
Job Website	https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Assistant-Professors-in-Computer-Science--Computer-Architecture---Programming-Languages-_R41744-1
Apply By Email	

Job Description

Assistant Professors in Computer Science (Computer Architecture & Programming Languages)

The Department of Computer Science at Aalto University - in the top-20 young universities worldwide - invites applications for two tenure-track positions at the Assistant Professor level. One position is offered in the field of computer architecture, and the other one in the field of programming languages. We are looking for early-career computer scientists with a strong track record in research and potential in teaching to support our Computer Science Bachelor's Program and Computer, Communication and Information Sciences Master's Program.

Women and others whose hiring would increase diversity in computer science are especially

encouraged to apply.

[url=https://www.aalto.fi/en/department-of-computer-science]The Department of Computer Science is an internationally oriented professional academic department and home to world-class research in modern computer science, combining research on foundations and innovative applications. With nearly 50 professors and 500 employees from 50 countries, it is the largest department at Aalto University and the largest computer science unit in Finland.

Our department is committed to fostering an inclusive environment with diverse faculty members. We are the first department in Finland with a Vice-Head specifically focusing on diversity. The position has a competitive salary as well as a competitive start-up package. The contract includes occupational health benefits. Relocation services are also available for people coming from abroad.

Requirements and Process

Candidates applying to this call are considered for Assistant Professor positions only. Applicants are required to have a doctoral degree in computer science and a publication track record in computer architecture or programming languages. The selected applicant must complete their doctoral degree before starting in the position. Applicants with more than seven years of research experience after their doctoral degree (excluding relevant career breaks) are not considered early-career and should look for more advanced positions.

The applicants will be reviewed based on their research achievements in relation to their career stage, their teaching merits and potential, and activity in the scientific community; recommendation letters will also be taken into consideration. Short-listed applicants will be invited to present and discuss their research with faculty. Evaluation at the Assistant Professor level follows the tenure track system at Aalto University and is mainly based on research merits as well as the applicant's potential. A person at any level of the tenure track system is expected to perform world?class research, to teach, advise and otherwise advance both graduate and undergraduate education, to be an active member of the international scientific community, and to exhibit academic leadership. Career advances on the tenure track are based on scheduled performance assessments, which take into account the candidate's merits in all these areas.

Please observe that we welcome applications from candidates who can teach in English, Finnish or Swedish.

How to Apply

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Applications must be submitted electronically through the Apply now! link below.

Applications will close on Sunday March 16th, 2025 at 23:59 EET (UTC+2). The submitted application materials must be in English and must include the following attachments in PDF format:

1. cover letter including a summary of merits and most important achievements,
2. curriculum vitae,
3. research statement (recommended length: four pages),
4. teaching statement (recommended length: four pages),
5. list of publications with no more than five of them clearly highlighted as most important.

In addition to the above attachments, in the application form, you are required to submit names, positions, affiliations and e-mail addresses of four to five referees available to provide recommendation letters. We will contact the referees directly right after the application period closes in order to solicit the recommendation letters. You may want to inform your referees about this in advance.

You will log in to the recruitment system using an email account. This email address will be used for communication throughout the review process. Please ensure that the same email address appears in all your application documents (e.g., CV).

Further Information

Please contact the faculty search chair Associate Professor Maarit Korpi-Lagg or in recruitment process related questions HR Partner Laura Kuusisto-Noponen; emails firstname.lastname@aalto.fi.

Why Aalto University & Finland?

We offer competitive salaries and start-up packages to new faculty. The contract includes occupational health benefits. Aalto University offers assistance with the relocation process for applicants selected to tenure track positions, including finding housing and daycare or schools. In addition to world-class research at the Department of Computer Science, Aalto University has six schools with 13 000 students and 400 professors committed to building both foundations and innovative applications that shape the future through science, technology, art, and business. There are also excellent opportunities for collaboration with local partners at both Aalto University and the University of Helsinki.

In addition to its strong academic community, the Helsinki region is a vibrant technology and innovation hub with easy access to major partners, both private and public. Access to top-tier high-performance

computing infrastructures, including the top-10 worldwide supercomputer LUMI, and its future successor LUMI AI-factory, shall be available to the successful applicant. The Department of Computer Science is located at the main Otaniemi Campus of Aalto University, 15 minutes from the center of Helsinki by metro. The Helsinki International Airport (HEL) is one of the air traffic hubs between Europe and Asia, with direct flights to a large number of destinations on both continents. [url=https://virtualtour.aalto.fi/]Virtual campus tour at the Aalto University campus and more information about [url=https://welcome.hel.fi/#/]Helsinki.

Finland tops international rankings in education, equality, safety, and quality of life. Finland is one of the most technologically advanced countries in the world; design, creativity, and startup culture are also important. Finland currently ranks at the top of venture capital investments relative to GDP in Europe. Finland is a great place for living, with or without family. It is a safe, politically stable and well-organized Nordic society, where equality is highly valued and corruption is low. Extensive social security supports people in all situations of life, and Finland's free high-quality education system is internationally acknowledged. In Finland, a low level of hierarchy is a cultural asset in working life and society. Finland has been repeatedly ranked as the happiest country in the world according to the [url=https://worldhappiness.report/]World Happiness Report.

More information about living in Finland:
[url=https://www.aalto.fi/en/services/why-finland]https://www.aalto.fi/en/services/why-finland
[url=https://www.infofinland.fi/en/frontpage]https://www.infofinland.fi/en/frontpage

More about Aalto University:
[url=https://www.aalto.fi/en/open-positions]Aalto.fi
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To view information about Workday Accessibility, please click [url=http://www.aalto.fi/en/services/workday-recruiting-system-accessibility-interaction-overview]here.

Please see more of our Open Positions [url=http://www.aalto.fi/en/open-positions]here.

Contact Information

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Contact

Finland