



# Assistant professor in Engineering Psychology

Department of Computer Science



Aalto University



# Aalto University

## Aalto University is a multidisciplinary community of bold thinkers where science and art meet technology and business.

Aalto University is a university where research, art and education are promoted hand in hand. We are committed to **identifying and solving grand societal challenges** and building an innovative future.

With high-quality research we aim at creating significant impact on the international scientific community, industry and business, as well as the society at large. Disciplinary excellence is combined with **multidisciplinary** activities, engaging both students and the local innovation ecosystem.

Aalto has nearly 12 000 students and **six schools** with more than 400 professors. We are an international community: more than 40% of our academic personnel have an international background.

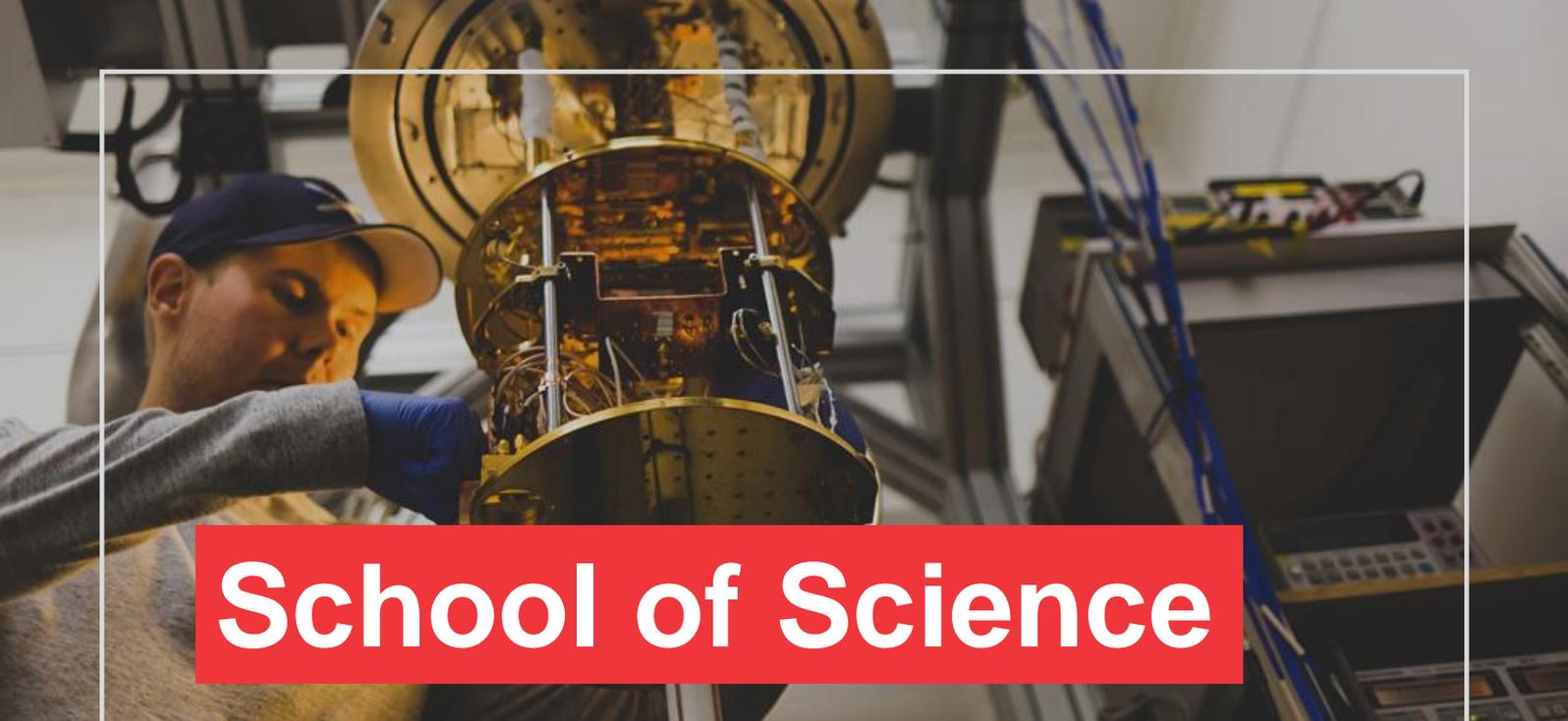
Aalto University was **founded in 2010** as three leading Finnish universities, Helsinki University of Technology, the Helsinki School of Economics and the University of Art and Design Helsinki, were merged. Our campuses are located in Espoo and Helsinki, Finland.

The University campus in Espoo is developing into a unique, open innovation hub and a center of collaboration that attracts partners from all around the world. It encourages sharing of ideas, inter-disciplinary encounters, creativity, growth and entrepreneurship. The core of the campus will be a vibrant city with versatile services and attractive places to meet.

# A''

Aalto University

More info at  
[aalto.fi](https://aalto.fi)



# School of Science

## Changing the world for the better through high-level research, making a significant impact on society.

At the school, the research carried out meets the highest of international scientific standards in our focus areas and scientific and technological applications on the basis of research findings are developed. The school is an important research partner and has strong connections with many international networks.

Moreover, the school is committed to having an **active role in society** and promoting the societal effectiveness of research findings at both a national and international level. During the last twenty years, the school has generated approximately **100 patents and tens of research-based enterprises**.

The School has **five departments**: Applied Physics, Computer Science, Industrial Engineering and Management, Mathematics and Systems Analysis and Neuroscience and Biomedical Engineering

Around **3 500 students** are taught by the School of Science. Over 250 master's degree students and 90 doctoral candidates graduate from the school every year. In total, there are **1 500 members of academic staff** at the school, of which 110 are professors, 400 are doctoral candidates, and other research and teaching personnel 600.

**A''**

Aalto University  
School of Science

More info at  
[sci.aalto.fi](https://sci.aalto.fi)



# Department of Computer Science

*The Department of Computer Science provides world-class research and education in modern computer science to foster future science, engineering and society. The work combines fundamental research with innovative applications.*

Computer Science is the largest department at Aalto University and the largest CS unit in Finland with 44 professors and more than 400 employees. It is routinely ranked among the top 10 CS departments in Europe and in the top 100 globally.

## **Education**

The Department offers three undergraduate degree programmes:

- Computer Science and Engineering
- Data Science
- Information Networks

The Department also offers five Master's programmes taught entirely in English:

- Computer, Communication and Information Sciences (CCIS)
- Life Science Technologies
- Information Networks
- Double degree programme ICT Innovation (EIT Digital Master School)
- Security and Cloud Computing (Erasmus Mundus)

## **Research**

The Department has strong groups in a range of areas including Algorithms, Data Science, Machine Learning and AI, Mobile and Distributed Systems, Security and Privacy, Software Engineering, and Visual Computing and HCI. The current faculty's strength is evidenced in part by the high volume of extremely competitive funding from the Academy of Finland (equivalent to the National Science Foundation) and the European Research Council (ERC). The Department consistently attracts many high-achieving international students entering its MSc and PhD programmes.

## **Doctoral studies**

Doctoral studies are organised through the Aalto Doctoral Programme in Science. The Department has also integrated a doctoral track into a number of its MSc majors, for supporting and expediting the progress of top students who aim for the doctoral degree directly from the Bachelor's level.

The Helsinki Doctoral Education Network in Information and Communications Technology (HICT) is a collaborative doctoral education network hosted jointly by Aalto University and the University of Helsinki, the two leading universities within this area in Finland. The network serves as a collaboration platform for doctoral education combining all the relevant subfields of computer science and information technology at Aalto University and the University of Helsinki. At present, it involves 65 professors and almost 300 doctoral students, and the participating units graduate altogether more than 40 new doctors each year.

More info at  
[cs.aalto.fi](https://cs.aalto.fi)



# Assistant professor in Engineering Psychology Department of Computer Science

The Department of Computer Science at Aalto University – in the top-20 young universities worldwide – invites applications for a **tenure-track position at the Assistant Professor level in the field of Engineering Psychology**.

Applicants should demonstrate excellent research potential in addition to teaching ability. The department is committed to fostering an inclusive environment with diverse faculty members. Therefore, applications from groups that have been underrepresented in computer science are particularly sought. The position has 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.

**The Department of Computer Science** is an internationally oriented community and home to world-class research in modern computer science, combining research on foundations and innovative applications. With 44 professors and more than 400 employees from 45 countries, it is the largest department at Aalto University and the largest computer science unit in Finland. Computer science research at Aalto University ranks high in several prominent surveys (3rd in Europe and 33rd worldwide in the U.S. News Best Global Universities subject ranking 2020; 47th worldwide in Shanghai subject ranking 2019; and 56th worldwide in Times Higher Education subject ranking 2020).

This unique assistant professorship position is sought as the Department of Computer Science leads the new [Engineering Psychology BSc Major](#) starting during Fall 2022. In addition to CS, the Department of Neuroscience and Biomedical Engineering, the Department of Communications and Networking, and the Department of Signal Processing and Acoustics are invested in the major

## Requirements and Process

Candidates applying to this call are considered for Assistant Professor positions only. Applicants are required to have a doctoral degree in behavioral or psychological sciences (such as psychology, cognitive psychology, cognitive science, social psychology) or a related field. Those candidates who have not received their doctoral degrees yet are expected to obtain the degree no later than August 31, 2022. *The applicant is expected to contribute to the new Engineering Psychology BSc Major.* Evidence of high-quality research in the field of Computer Science is expected.

The applicants will be reviewed based on their research achievements in relation to their career stage, their teaching merits 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.

More info at  
[aalto.fi](https://aalto.fi)



# Assistant professor in Engineering Psychology Department of Computer Science

## How to Apply?

Applications are to be addressed to the Dean of the School of Science and submitted electronically through the *Apply now!* link in [aalto.fi/en/open-positions/assistant-professor-in-engineering-psychology](https://aalto.fi/en/open-positions/assistant-professor-in-engineering-psychology).

**Applications will close on Sunday February 13, 2022, 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 (recommended length: two pages),
3. Research statement (recommended length: four pages),
4. Teaching statement (recommended length: four pages). The teaching statement should include a brief plan of teaching basic courses in psychology for the Engineering Psychology BSc major.
5. Names, positions, affiliation(s) and e-mail addresses of three referees available to provide recommendations at a later stage of the application process,
6. List of publications with no more than five of them clearly highlighted as most important.

### Further Information:

Please contact Professor Janne Lindqvist or in recruitment process related questions HR Manager Sanna Kokko; emails [firstname.lastname@aalto.fi](mailto:firstname.lastname@aalto.fi)

More info at  
[aalto.fi](https://aalto.fi)



# Working at Aalto University

## Why join us?

Established in 2010 as a merger of three leading Finnish Universities, we are both **challenger of the old, and traditional with strong history** and legacy.

Our unique combination of fields in **art and design, technology and business enable multi-disciplinarity** and finding clever solutions for the world's most wicked problems in the interfaces of these fields.

We aim for **societal impact**, educating game changers to drive sustainability.

We enjoy working at our evolving **collaborative campus close to the heart of Helsinki**, with good connections, great architecture and amazing nature.

We are **international and diverse**: more than 40 % of our faculty comes from outside of Finland. Our working environment is multi-cultural, widely English-speaking and its easy to settle in, despite of wherever you come from.

**We have strong [academic standing and reputation in our key fields](#)** – Aalto University is among top 10 of New Universities in the world (QS ranking).

**Computer Science** at Aalto University is ranked to **top10 in Europe**. (NTU Rankings by subject 2020 & 2021 and Shanghai Rankings by subject 2019)

Our **well-functioning and fair Tenure Track career system** enables building a successful academic career, providing support for fulfilling your professional ambitions.

**Culture that inspires and includes everyone.** It's the people that create Aalto, now and in the future. We want to be an open community where equality and inclusion enable curiosity, innovation, collaboration and wellbeing. We constantly keep learning to find the most impactful ways to empower – and invest in – our people.



# Living in Finland

Finland is [among the best countries in the world](#) according to many quality of life indicators, including being the [happiest country in the world \(UN study 2018\)](#).

We are humble people, but dare to say we have **one of the most advanced education systems in the world**.

The Nordic values of **equality and co-operation** are rooted deeply into our society. We are one of the world's top countries in press freedom and consider the many voices in our society a strength.

With high investments in R&D, a strong innovation culture, open data and advanced state of digitalization, we are a nation of **innovation and entrepreneurship**.

Gender equality, flexibility and low hierarchy are at the core of our **Nordic working environment**. Professional ambitions can be combined with a fulfilling personal life.

We are one of the world's most **reliable and stable** nations with low levels of corruption and high level of safety. We are proud to provide exceptionally high standards of social security and healthcare, financed by the state.

Having four distinct seasons, clean air and thousands of lakes, we are some nature-loving people and take good care of our **unique environment**. We enjoy our midnight sun in the summer and northern lights in the winter.

Finnish language is known to be a bit on the complicated side, but don't worry, we Finns are fluent in English, and have an **international mindset**.

We have **wide and reliable transport networks**, with Helsinki airport serving over 100 direct destinations. The comprehensive public transport makes it easy to commute. Our campus is situated within a 10 minute metro ride from the heart of Helsinki.

Want to live in the best country in the world?

More about [Helsinki](#)

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**Aalto University –  
a community of  
game changers**  
*aalto.fi*



**Aalto University**