



Professor of Mathematics in School of Science

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Aalto University



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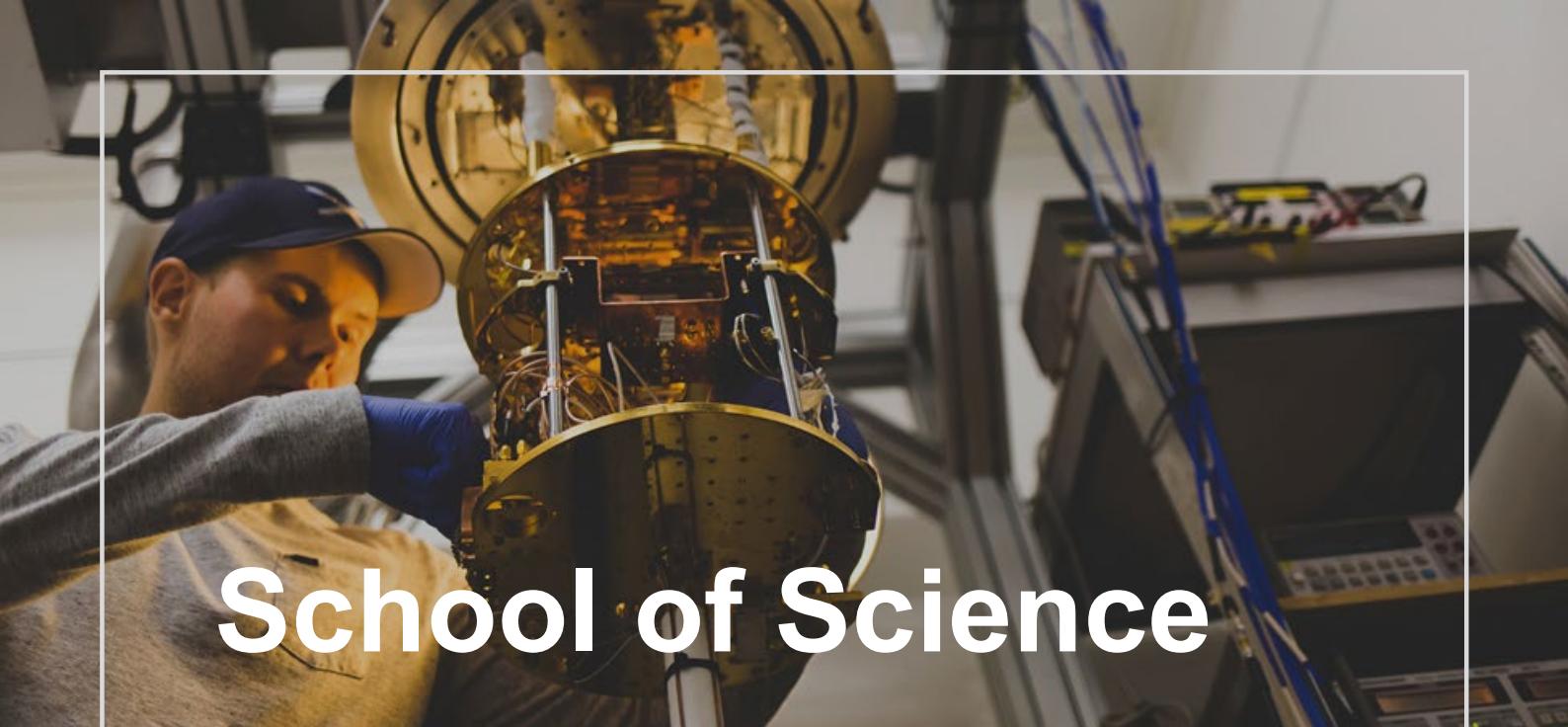
Aalto University is a multidisciplinary community of bold thinkers where science and art meet technology and business.

In Aalto University scientific research, art and education are promoted hand in hand. We are committed to identifying and solving grand societal challenges and building an innovative future. Through high-quality research we aim at significantly impacting 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 six schools with nearly 11 000 students and more than 400 professors. We are a multicultural community: more than 30% of our academic personnel have an international background.

Aalto University was founded in 2010 when three leading Finnish universities, Helsinki University of Technology, Helsinki School of Economics and University of Art and Design Helsinki, were merged. Our campus is located in Espoo, a fifteen minutes subway ride from the centre of Helsinki.

The university campus is developing into a unique, open innovation hub and a centre of collaboration that attracts partners from all around the world. Sharing of ideas, interdisciplinary encounters, creativity, growth and entrepreneurship are treasured. The vibrant campus offers versatile services and attractive places where to meet.



School of Science

Changing the world for the better through high- level research

School of Science is a home for scientific research that meets the highest of international scientific standards and leads to novel technological innovations. The school is also an important research partner in several international collaboration networks.

The school is committed to having an active role in the society and to promoting the societal impact of research findings at both 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 enrolled in the School of Science, and about 300 master's degree students and 70 doctoral candidates graduate from the school every year. In total, there are more than a thousand members of academic staff, of whom 110 are professors, 400 are doctoral candidates, and 600 are other research and teaching personnel.

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More info at
sci.aalto.fi/en



Department of Mathematics and Systems Analysis at School of Science

Overview

The Department of Mathematics and Systems Analysis is a highly regarded academic community of more than 100 employees, with around 20 professors, 10 lecturers, 15 postdocs and 40 doctoral candidates. The department is known for its fresh, diverse and dynamic culture as well as for its low levels of bureaucracy and hierarchy.

The current focal research areas of the department are Algebra and Discrete Mathematics, Analysis and Nonlinear Partial Differential Equations, Numerical Analysis, Stochastics and Statistics, and Systems and Operations Research. However, the employees are encouraged to build bridges between different research fields and to introduce new ones in accordance with international scientific trends.

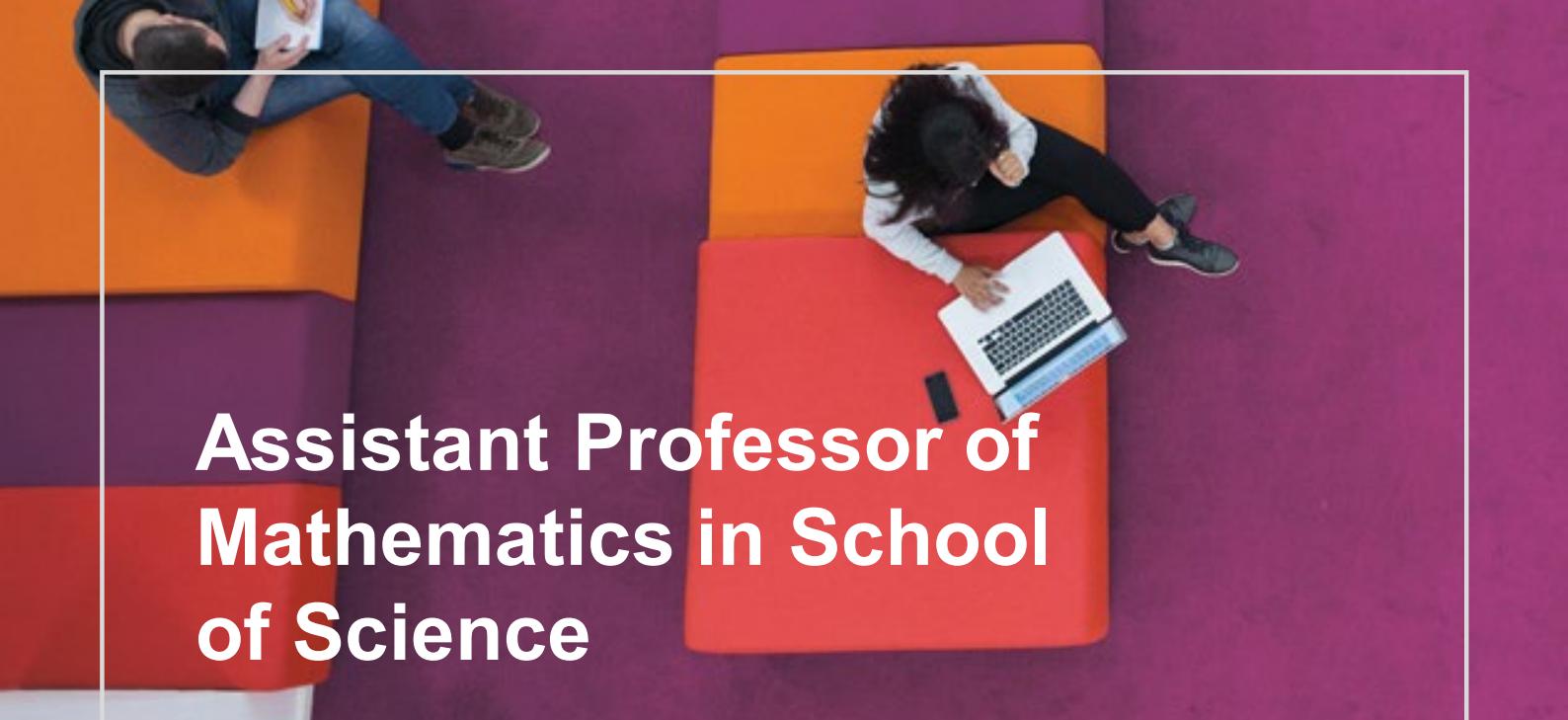
The research group of Algebra and Discrete Mathematics is formed by the teams of four professors, one of whom has a joint position with the Department of Computer Science. The research group is international and diverse, with its research interest ranging from the most theoretical aspects of algebra and discrete mathematics all the way to practical applications. The group has excellent record in producing top-level scientific research, fostering talented students, securing external funding, and impacting the society both directly and via its graduates.

During the past five years, the Department of Mathematics and Systems Analysis has recruited several promising international researchers to join Aalto University as Assistant Professors. Like all professors on the tenure track of Aalto University, they enjoy full autonomy in leading their research groups.

Studies

The Master's Programme in Mathematics and Operations Research attracts best students from both Finland and abroad. Many of them continue their studies beyond a master's degree and complete dissertations as members of the scientific community at the Department of Mathematics and Systems Analysis. Graduates from the department have been recruited by top universities, research institutes, governmental agencies and leading international companies.





Assistant Professor of Mathematics in School of Science

Position

We are seeking talented individuals who are interested in an excellent opportunity to pursue a successful scientific career. The position is targeted at candidates for the Assistant Professor level on Aalto Tenure Track.

Applications from all fields of mathematics are welcomed, but algebra and discrete mathematics carry a special emphasis in this call.

The applicants are expected to hold a doctoral degree in mathematics or a related discipline. An excellent research record and a clear vision for future developments in mathematics are expected. The ability and enthusiasm to teach relevant courses and supervise students are essential. Advancing diversity is a core value of the Department of Mathematics and Systems Analysis.

A person at any level of the academic tenure track system in Aalto University is expected to perform world-class research, to teach, supervise and otherwise advance academic 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 that take into account the candidate's merits in all these areas.

How to apply

Apply for this job via <https://www.aalto.fi/en/open-positions/tenure-track-assistant-professor-in-mathematics>. Here you will find the official job announcement and detailed instructions for the application.

For the application, please include your:

1. cover letter including a summary of merits and most important achievements,
2. curriculum vitae (recommended length at most two pages),
3. research statement (recommended length at most four pages),
4. teaching statement (recommended length at most two pages),
5. names, positions, affiliation(s) and e-mail addresses of four references,
6. list of publications with a maximum of five most important publications clearly highlighted.

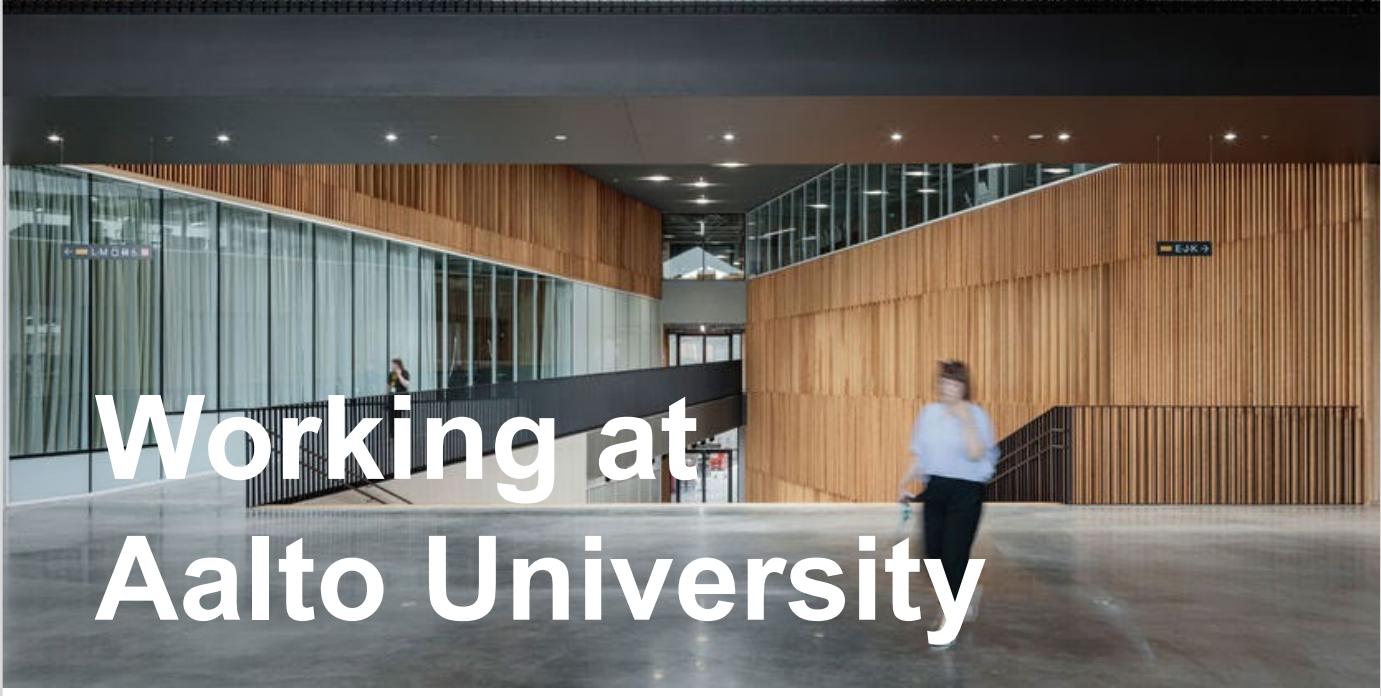
Application deadline:
March 31, 2020

For further questions, you may contact:

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Working at Aalto University

Why join us?

Established in 2010 as a merger of three leading Finnish institutions, Aalto University is a **challenger of the old with a strong history and legacy**.

Our unique combination of **art and design, technology and business fosters multidisciplinarity and enables finding innovative solutions** for the most challenging problems the world has to offer.

We aim for **societal impact and educating game changers** to build a sustainable society of tomorrow.

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

We are **international and diverse**: more than 35 % of our faculty comes from outside of Finland. Our community is multicultural, open-minded, widely English speaking and easily accessible regardless of your background.

We have strong academic standing and reputation— Aalto University is among the top ten New Universities in the world (QS ranking).

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



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?

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[More about Finland](#)

[More about working at Aalto](#)

More info at
finland.fi

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a community of
game changers**
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