

Professor of Structural and Architectural Engineering
Aalto University

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Posted Mar. 11, 2024, set to expire Dec. 30, 2024

Job Title Professor of Structural and Architectural Engineering
Department T214 Civil Engineering
Institution Aalto University
, , Finland

Date Posted Mar. 11, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Professor

Academic Field(s) Structural Engineering
Architectural (Building & Construction)

Job Website https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Professor-of-Structural-and-Architectural-Engineering_R38664

Apply By Email

Job Description

Aalto University is where science and art meet technology and business. We shape a sustainable future by making research breakthroughs in and across our disciplines, sparking the game changers of tomorrow and creating novel solutions to major global challenges. Our community is made up of 12 000 students, 400 professors and close to 4 000 other faculty and staff working on our dynamic campus in Helsinki region, Finland. Diversity is a part of who we are, and we actively work to ensure our community's diversity and inclusiveness. This is why we warmly encourage qualified candidates from all backgrounds to join our community.

Aalto University School of Engineering invites applications for
ASSISTANT OR ASSOCIATE PROFESSOR POSITION IN STRUCTURAL AND ARCHITECTURAL
ENGINEERING

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The call is targeted to ambitious individuals seeking a full-time assistant/associate professor position at the Aalto University tenure track system. More information about the tenure track career path: [\[url=https://www.aalto.fi/en/tenure-track/tenure-track-career-path\]](https://www.aalto.fi/en/tenure-track/tenure-track-career-path)<https://www.aalto.fi/en/tenure-track/tenure-track-career-path>.

The vacancy is at the Department of Civil Engineering, see

[\[url=http://civileng.aalto.fi/en/\]](http://civileng.aalto.fi/en/)<http://civileng.aalto.fi/en/> at Aalto University

[\[url=http://www.aalto.fi/en/\]](http://www.aalto.fi/en/)<http://www.aalto.fi/en/>. In accordance with Aalto University's living strategy, [\[url=http://www.aalto.fi/en/strategy\]](http://www.aalto.fi/en/strategy)www.aalto.fi/en/strategy, our call is to support the shaping of a sustainable future using Aalto's three core values: responsibility, courage, and collaboration.

Currently, the department has 16 professors supported by lecturers, post-doctoral researchers, doctoral students, and technical staff. In total, the number of personnel is about 115. The department and school have well-equipped research infra and access to national scientific computing services. We are located at Aalto University campus in Otaniemi, Espoo where several research institutions and organizations have their laboratories.

Job description

The Department of Civil Engineering invites applications for a tenure-track assistant or associate professor position in Structural and Architectural Engineering. This new position is part of one of Aalto University's key research areas, known as "Human Centered Living Environments";

We are seeking a talented candidate who can provide research and teaching contributions at the intersection of structural engineering and architecture. We particularly invite applications from candidates with expertise in both structural and architectural design. You will strengthen and complement the research and education within the research focus area of "Structural engineering, mechanics, and computation". The candidate is expected to perform multidisciplinary research collaborations within the Department of Civil Engineering and other departments. The new position is also established to develop and strengthen the collaboration with the Department of Architecture.

All the professors at Aalto University are expected to perform high quality research and teaching, and to supervise on the doctoral, graduate, and undergraduate levels. We expect professors to be active members of Aalto University and the international scientific community, and to exhibit leadership and services for society.

Requirements

The applicants must have a doctoral degree relevant to the position. For applicants with a focus on architecture, we expect additional education or specialization in structural engineering, preferably an additional academic degree. For applicants with a focus on structural engineering, we expect design-

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oriented expertise in architectural projects and competitions. All applicants should highlight the education and expertise in both areas in their application. The applicant should have technical and methodological skills of computational methods applied in parametric structural design and/or robotic fabrication. Well demonstrated collaboration skills and a fluent command in English are essential.

Experience in acquiring funding for research projects, preferably also academic competitive funding, multidisciplinary research approach, and relevant practical experience are considered as advantages.

The merits and potential of the applicants will be appraised via a holistic evaluation based on the quality and quantity of research, teaching, and practical expertise in addition to the overall activity in the scientific community and society. A bibliometric analysis will be conducted for supporting the evaluation of research merits.

When recruiting for the first term assistant professor position, the evaluation is mainly based on the potential of the candidate in the evaluated dimensions. When appointing the second term assistant professors, the evaluation is based on demonstrated merits and potential. When appointing an associate professor, the candidates must have high academic merits, be of top rank among the distinguished members of their discipline and must show a continued contribution to academic research. Please find more information from the link:

[url=<https://www.aalto.fi/en/services/tenure-track-evaluation-criteria>]<https://www.aalto.fi/en/services/tenure-track-evaluation-criteria>.

What we offer

Salary will be defined according to Aalto University's payroll system. You may also provide a salary request. In addition to the salary, the contract includes occupational health care and retirement benefits. Finland offers a safe and healthy environment for living. Excellent state-subsidized services include affordable daycare, health care, and free schools, which are ranked among the best in the world.

Finland offers a safe and healthy environment for living with excellent state-subsidized services including affordable daycare, health care, and free schools ranked among the best in the world. Finland is among the best countries in the world, according to many quality-of-life indicators, including - for six years in a row - being the happiest country in the world (UN study 2023). We are one of the world's most reliable and stable nations with a high level of safety. With high investments in R&D, a strong innovation culture, open data, and an advanced state of digitalization, we are a nation of innovation and entrepreneurship.

The Nordic values of equality and co-operation are rooted deeply in our society. Gender equality,

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flexibility and low hierarchy are at the core of our Nordic working environment. For more information about living in Finland, see: [\[url=https://www.aalto.fi/en/careers-at-aalto/for-international-staff\]](https://www.aalto.fi/en/careers-at-aalto/for-international-staff)<https://www.aalto.fi/en/careers-at-aalto/for-international-staff>.

Check out our new virtual Aalto campus experience:

[\[url=https://virtualtour.aalto.fi/\]](https://virtualtour.aalto.fi/)<https://virtualtour.aalto.fi/>!

For more information

For additional information, please contact Associate Professor Gerhard Fink, Department of Civil Engineering, tel. +358 50 307 3090. In questions related to the recruitment process, please contact HR Partner Merja Seppänen, tel. +358 50 593 7712. E-mail addresses follow the form firstname.lastname@aalto.fi.

How to apply

The application material for the position must consist of the following documents: * Cover letter addressed to Dean of the School of Engineering, including a summary of merits, most important achievements and motivation for this position at Aalto University * Curriculum vitae, including contact information * Publication list, with up to five most important publications marked * Project portfolio * Research statement, including a plan for future research at Aalto (maximum 4 pages) * Teaching statement (maximum 4 pages). Shortlisted candidates will be asked to supplement their applications with a teaching portfolio following the [\[url=https://www.aalto.fi/sites/g/files/flghsv161/files/2021-01/Teaching%20competence%20assessment_Guidelines_for_candidate_2020_Aalto%20University_FINAL.p](https://www.aalto.fi/sites/g/files/flghsv161/files/2021-01/Teaching%20competence%20assessment_Guidelines_for_candidate_2020_Aalto%20University_FINAL.pdf) University guidelines.

All material should be submitted in English and in pdf format. The application materials will not be returned. Please submit your application online through Aalto University's electronic recruitment system Workday by using the "Apply now" link no later than May 11, 2024. If you are an employee at Aalto, please note that you should apply for the position via our internal system Workday. Please use your existing Workday user account.

General instructions for applicants including evaluation criteria, language requirements and guidelines for compiling your CV and teaching portfolio are given at [\[url=https://www.aalto.fi/en/node/12176\]](https://www.aalto.fi/en/node/12176)<https://www.aalto.fi/en/tenure-track/interested-in-joining-our-tenure-track>.

Aalto University reserves the right for justified reasons to leave the position open and to extend the application period.

In Espoo, 11th March 2024

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Tenure track in Aalto University

The tenure track is open to talented individuals who have excellent potential for a scientific career. Individuals placed on the Aalto University tenure track for professors have the possibility to advance in their career through regular performance assessments, which consider their merits in all areas of their scope of duty. Launched in 2010, the Aalto University tenure track positions have been widely noticed and attracted a large number of international applicants. Aalto University has had the opportunity to recruit top experts as well as young research talents to join the Aalto University community. Read more about the tenure track system of Aalto University at [[url=https://www.aalto.fi/en/tenure-track](https://www.aalto.fi/en/tenure-track)]<https://www.aalto.fi/en/tenure-track>

About Aalto University and Finland

As a living and working environment, Finland consistently ranks high in quality-of-life. For more information about living in Finland: [[url=https://www.aalto.fi/en/careers-at-aalto/for-international-staff](https://www.aalto.fi/en/careers-at-aalto/for-international-staff)]<https://www.aalto.fi/en/careers-at-aalto/for-international-staff>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Finland