

Aalto University is a new university with over a century of experience. Created from a high-profile merger between three leading universities in Finland – the Helsinki School of Economics, Helsinki University of Technology and the University of Art and Design Helsinki – Aalto University opens up new possibilities for strong multidisciplinary education and research. The university has 20 000 students and a staff of 5 000 including 350 professors.

Aalto University School of Engineering, Department of Civil and Environmental Engineering invites applications for:

ASSISTANT PROFESSOR IN TRANSPORTATION ENGINEERING

which will be filled on the Aalto University's Tenure track system.

Job description and requirements

The above mentioned position is located in the Department of Civil and Environmental Engineering, see <http://civil.aalto.fi/en/>. Based on the department's strategy, the focus of the research is on eco-efficient society and sustainable use of natural resources. Currently, the department has 12 professors.

The research focus of transportation engineering is sustainable and intelligent transport. The research group has 2 professors. In 2015, the number of department's tenure track professors is planned to be in total 15, including three professors in transportation engineering. In addition, the group's academic staff includes e.g. one staff scientist, one researcher and one university teacher. The research facilities include an instrumented vehicle, other traffic research equipment as well as traffic and transport modeling software.

The research area of the professorship covers widely transportation engineering, including the analysis and planning of transportation systems, from the strategic to the operative level. The professor's duties include the development of transportation engineering as a research area, which would occur in internationally and nationally recognized high-quality research programs. The professor participates in the undergraduate, graduate, and doctoral teaching of his own area, and in the development of teaching in this area. In the ongoing Aalto School of Engineering degree programme reform, the connections of transportation engineering especially with spatial planning are being reinforced, in candidate and master level education. In doctoral education, transportation engineering and spatial planning constitute a joint research area.

The present call for applications is cross-disciplinary and applicants in all fields of transportation engineering are invited to apply. However, preference will be given to candidates with research fields complementing and supporting the focus areas and teaching of the Department.

The applicant is expected to possess a suitable doctor's degree and he or she should display evidence of high quality activities in research and teaching in the field of transportation engineering.

Throughout their careers, those under the academic tenure track system are expected to exercise and guide scientific research, to provide related higher academic education, to follow the advances of their field, to participate in service to the Aalto University community, and to take part in societal interaction and international collaboration in their field.

Salary

Aalto University follows the new salary system of Finnish universities, but applicants may also provide salary requirements.

How to apply

The period for applying has been extended. Previous applications sent by 17th of February, 2014, are taken into account. The applications for the tenure track position are to be addressed to the President of Aalto University and submitted through the eRecruitment system **no later than on the 18th of March, 2014**: <http://www.aalto.fi/en/about/careers/jobs/view/99/>.

The application should include:

- curriculum vitae (with contact information)
- a complete list of publications (with the five most important full text publications attached in electronic format)
- a description of the applicant's views regarding the future research and teaching development of the field
- letter(s) of reference
- a teaching portfolio.

All material should be submitted in English. The materials will not be returned.

General instructions for applicants including language requirements and guidelines for compiling CV and teaching portfolio are given at http://www.aalto.fi/en/about/careers/tenure_track/for_applicant/.

Aalto University reserves the right for justified reasons to leave the position open, to extend the application period and to consider candidates who have not submitted applications during the application period.

For more information

For additional information, please contact Head of Department, Professor Tapio Luttinen, tel +358 50 512 2716 (or in questions related to the recruitment process, HR Coordinator Päivi Hakanen, tel. +358 50 379 8020). E-mails: firstname.lastname@aalto.fi.

In Espoo, January 13th, 2014

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 professorial tenure track have the possibility to advance in their career through regular performance assessments, which take into account their merits in all areas of their scope of duty. Launched only in 2010, the tenure track has attracted a wide range of international applicants, giving Aalto University the possibility of recruiting top experts and young research talent to join the Aalto University community. Read more about the Aalto University tenure track system at www.aalto.fi/en/tenuretrack.
