

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:

PROFESSOR POSITION IN ROCK MECHANICS

which will be filled primarily on Assistant Professor level of the Aalto University's Tenure track system.

Job description

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 water and mineral resources. Currently, the department has 11 professors.

The above mentioned position is located in the Geoengineering research and teaching group in the Department of Civil and Environmental Engineering, see <http://civil.aalto.fi/en/research/geoengineering/>. The Geoengineering group conducts research related to Soil Mechanics and Foundation Engineering, Rock Engineering and Engineering Geology, Applied Geophysics and Highway Engineering. The group currently consists of four professors, lecturers, teaching researchers, doctoral students and technical staff, total staff being around 30. The group has research facilities for the experimental research.

The elected professor will carry out research on rock mechanics, particularly on application of rock mechanics in utilization of bedrock as a space as well as a source of raw materials. Research can involve rock mechanical behavior and characteristics of bedrock or their significance to rock engineering activities and final engineering structures. Research can also consider how safety and environmental and economic issues should be taken into account throughout the life span of rock and mining engineering projects.

Requirements

Applications are invited from individuals who have a strong research and teaching interest in rock mechanics and strive for academic excellence. Throughout their careers, those under the academic tenure track system are expected to exercise and guide scientific research, to provide related higher education, to follow the advances of their field, to take part in service to the Aalto University community, and to take part in societal interactions and international collaboration in their field.

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 rock mechanics.

On the basis of their experience and competence, applicants will be placed on the Assistant Professor (1) or Assistant Professor (2) level of the tenure track system; in exceptional cases, applicants might be considered on the Associate or Full Professor level. For foreign candidates, the only language requirement is fluency in written and spoken English.

Salary

Aalto University follows the 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 March, 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 15th of April, 2014**: <http://www.aalto.fi/en/about/careers/jobs/view/132/>.

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, February 10th, 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.
