

*Aalto University is a community of bold thinkers where science and art meet technology and business. We are committed to identifying and solving grand societal challenges and building an innovative future. Aalto University has six schools with nearly 20 000 students and more than 400 professors. Our campuses are located in Espoo and Helsinki, Finland.*

**Aalto University School of Engineering, Department of Built Environment invites applications for:**

## **ASSISTANT PROFESSOR POSITION IN GEOINFORMATICS (TENURE TRACK)**

### **Job description**

The position is located in the Department of Built Environment, see <http://builtenv.aalto.fi/en/>. Based on the department's strategy, the focus of the research is on sustainable built environment, engineering in cold regions, computational modelling, digitalisation and social infrastructure. The research groups at the department are Geoinformatics, Real Estate Economics, Spatial Planning and Transportation Engineering, and Water and Environmental Engineering. Currently, the department has 22 professors.

The research field in geoinformatics includes geoinformation technology, geodesy, photogrammetry, laser scanning and remote sensing (<http://builtenv.aalto.fi/en/research/geoinformatics/>). Currently, the group participates in two research programmes funded by The Academy of Finland, namely the Centre of Excellence in Laser Scanning Research (<http://laserscanning.fi/>, 2014-2019), and the Strategic Research Consortium on Point Cloud Ecosystems (<http://www.aka.fi/en/strategic-research-funding/programmes/programmes-20152017/disruptive-technologies-and-changing-institutions/combat/>, 2015-2017).

**The announced position is aimed at research in digital photogrammetry, with special attention to close-range and terrestrial systems.**

### **Requirements**

The applicant should hold a doctorate in a discipline relevant for this position. We look for a broad-based expert in geoinformatics who is willing and able to foster active collaboration at the Department and develop joint activities both in research and in teaching, and is able to acquire external research funding from Finnish and international sources. Preference will be given to candidates with photogrammetric research complementing and supporting the focus areas and teaching of the Department and the Geoinformatics Group.

For foreign candidates, the language requirement is fluency in written and spoken English.

The applicants will be reviewed on the basis of their research, teaching, academic leadership and activity in scientific community.

Throughout their careers, those in 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 salary system of Finnish universities, but applicants may also provide salary requirements.

## For more Information

For additional information, please contact Head of Department, Professor Kauko Viitanen, tel. +358 50 560 3873 or Professor Henrik Haggrén, tel. +358 50 401 8876. In recruitment process related questions please contact HR Coordinator Päivi Rundgren tel. +358 50 379 8020. E-mails: [firstname.lastname@aalto.fi](mailto:firstname.lastname@aalto.fi).

## How to apply

The application material for the tenure track position includes:

- Cover letter
- Curriculum vitae (with contact information and contact details of references)
- Complete list of publications (with ten most significant publications highlighted)
- Five most significant full text electronic publications
- Research statement describing past research and plans for future research (max. five pages)
- Letters of references (4)
- Teaching portfolio (Guidelines for compiling the teaching portfolio: [http://www.aalto.fi/en/midcom-serveattachmentguid-1e6435df3b51ff4435d11e6804001cd679e114c114c/outline\\_for\\_compiling\\_your\\_teaching\\_portfolio\\_04082015.pdf](http://www.aalto.fi/en/midcom-serveattachmentguid-1e6435df3b51ff4435d11e6804001cd679e114c114c/outline_for_compiling_your_teaching_portfolio_04082015.pdf))

All material should be submitted in English. The materials will not be returned. Documents shall be submitted in PDF format and the file names are to follow the format documentname\_lastname\_firstname.pdf (e.g. application\_lastname\_firstname.pdf).

Applications with attachments (in PDF format) 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 6<sup>th</sup> of March 2017** (before midnight Finnish time): <http://www.aalto.fi/en/about/careers/jobs/view/1182/>.

General instructions for applicants including language requirements and guidelines for compiling teaching portfolio and CV are given at [www.aalto.fi/en/tenure\\_track\\_for\\_applicant](http://www.aalto.fi/en/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.

In Espoo, 25 January 2017

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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 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](http://www.aalto.fi/en/tenuretrack).

## 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: [http://www.aalto.fi/en/about/careers/international\\_staff/](http://www.aalto.fi/en/about/careers/international_staff/).