

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 Science invites applications for two

DOCTORAL STUDENT POSITIONS

The positions are located in the [Department of Media Technology](#), Virtual Acoustics group, in Otaniemi. The research conducted at the Department covers digital media widely, themes varying from digital imaging and interaction to modelling of room acoustics to web technologies and semantic web.

We are looking for two PhD students to join our Virtual Acoustics group, which studies mainly the perception and simulation of concert halls. In this project the main emphasis is in understanding the perceptual relevance of early reflections and the seat-dip effect. One of the students will concentrate on perceptual studies with listening tests and simulations with room acoustics modelling tools, while the focus in the other position will be in the development of numerical modelling tools for room acoustics.

A successful applicant must have an MSc degree in a related field, preferably in acoustics, physics, mathematics, or computer science. In addition, any prior experience in subjective testing is appreciated. The chosen person should apply for the right to pursue studies towards the degree of Doctor of Science in Technology at Aalto University.

Minimum requirements:

- MSc in any of the relevant areas
- Good command of English language
- Basic knowledge in audio signal processing and acoustics

In addition to the main research duties, the successful candidate will conduct assistant work and otherwise contribute to teaching and administrative activities as instructed by the supervisor.

The positions are immediately available, starting in September or October 2012. The initial appointment will be for 3 years with possible extension.

The salary will be defined according to Aalto University salary scheme (current departmental starting salary for doctoral student position is 2336€ per month).

For additional information, please contact professor Lauri Savioja or professor Tapio Lokki.

To apply, please send an informal cover letter, a curriculum vitae (including publications if any), names and contact details of possible references and an official up-to-date study transcript to professor Lauri Savioja and professor Tapio Lokki **no later than September 7, 2012**. Email: firstname.lastname@aalto.fi. The application materials will not be returned.

In Espoo, 17.8.2012