Aalto University is a new institution with over a century of experience. Created from a high-profile merger between three leading universities in Finland – 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:

**TENURE TRACK OR TENURED POSITION IN NEUROIMAGING**

The position will be filled primarily at the Assistant or Associate Professor level. However, we also welcome applications by outstanding scientists for Full Professor level appointment.

**Job description**

This position is open at the Department of Neuroscience and Biomedical Engineering (NBE; see [http://nbe.aalto.fi/en/](http://nbe.aalto.fi/en/)) of Aalto University School of Science in the Otaniemi campus.

Health and wellbeing is one of the seven key research areas of Aalto University, and neuroscience and neurotechnology is a strategic focus area of the School of Science. The continued development of this field is vital for reaching Aalto’s strategic objectives in scientific excellence and societal impact. The tenure track position will be placed in the Department of Neuroscience and Biomedical Engineering (NBE) with research methods ranging from cellular patch-clamp techniques to human neuroimaging using, e.g., magnetoencephalography (MEG), functional magnetic resonance imaging (fMRI) and navigated transcranial magnetic stimulation (nTMS). NBE is world-renowned for its long-term top-level research on human systems neuroscience and pioneering development and applications of MEG technology and signal analysis in basic and clinical research. The spinoff company MEGIN (formerly Elekta Neuromag) from Aalto University (formerly Helsinki University of Technology) is currently the world-leading manufacturer of MEG devices.

NBE operates together with four other Aalto University departments a joint master program in Life Science Technologies where NBE is in charge for the Biomedical Engineering major. The tenure holder will be an active and dedicated teacher in this curriculum. The tenure holder is expected to contribute the teaching at all levels; from bachelor to graduate courses and to supervision of doctoral students.

NBE hosts and develops a national-level open-access research infrastructure, Aalto Neuromaging (ANI), with state-of-the-art 306-channel MEG, 3T f/MRI, nTMS, and a behavioral laboratory. The experimental research currently focuses on human sensory and motor functions, cognition, social interaction, and language processing. NBE has close contacts with the University of Helsinki, Helsinki University Hospital and the MEG manufacturer, as well as active collaboration with other departments of the Aalto University. NBE is extensively networked with the neuroscience and biomedical engineering communities nationally and internationally.

On the basis of experience and competence, the successful candidate will be placed on the appropriate level of the tenure track system (Assistant Professor, Associate Professor or – in case of exceptionally advanced candidates, Full Professor). An Assistant Professor will be appointed for a fixed term, an Associate Professor and a Full Professor for an indefinite term. Professors placed on the Aalto University tenure track advance in
their career through regular performance assessments, which take into account their merits in all areas of duty.

**Requirements**

The applicants are expected to hold a doctoral degree in a field relevant to the position and should show outstanding promise and/or accomplishments in both research and teaching.

The candidate should have strong motivation and skills for innovative use and development of human neuroimaging methods. We are particularly interested in candidates who are keen to operate on multiple levels, from experimental work to advanced data analysis methods and development of neuroimaging instrumentation. Ideally, the appointed professor will complement the expertise of the faculty of NBE. However, NBE welcomes also applications from internationally recognized developers of novel neuroimaging methods.

The applicants will be reviewed based on their scientific merits, teaching portfolio, their experience in academic leadership and their networking with the international science community. Furthermore, the applicants are expected to take part in societal interaction and international collaboration as well as raise funds from national and international sources. The applicants are expected to have good command of English.

**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 Professor Jukka Tulkki; in recruitment process related questions HR Coordinator Mari Kaarni, emails: firstname.lastname@aalto.fi

**How to apply**

The application material for the tenure track position include

- Application letter
- Curriculum Vitae
- List of publications (with the 10 most significant publications highlighted)
- A description of research interests describing also past research
- Teaching portfolio compiled according to Aalto University guidelines
- Contact information of at least two persons who can give recommendations

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

The applications for the tenure track positions are to be addressed to the President of Aalto University and submitted through the eRecruitment system by 23:59 p.m., 11th March, 2018, Finnish time (full advert with the link can be also found from Aalto web page http://www.aalto.fi/en/about/careers/jobs). Please refer to the name of the position concerned in your application.
Aalto University will perform a bibliometric data analysis of the applicant’s scientific publications based on the applicant’s CV and list of publications unless the applicant declines the analysis. This information is used to measure scientific activity and it will be collected and analyzed based on information available on public databases.

From amongst the applicants in the first phase, Aalto University will select those who will be asked to supplement their application materials. Supplemented applications will be submitted for review by external experts (the second phase of the application process).

General instructions for applicants including language requirements and guidelines for compiling CVs and teaching portfolios are given at


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

Aalto University has declared to commit to the Principles of the European Commission’s Recommendation “The European Charter for Researchers and The Code of Conduct for the Recruitment of Researchers” http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter. In accordance with its Equality Plan, Aalto University has made a commitment to act as an equal-opportunity employer, which makes its recruitment decisions on the basis of competence, skills and aptitude.

Living up to our values

As a community of high ethics, we want to assure the highest international standard in research, education and teaching. We expect all our community members to respect Aalto values and follow the ethical principles of fair play and integrity in all our activities and the behavior that we expect from each other. The Aalto University Code of Conduct is applicable to all Aalto community members and it clarifies the values that guide us.

Espoo, February 9, 2018

*****************

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 and http://www.aalto.fi/en/about/careers/careerstories/.

*****************