Post-doctoral position in Assistive Robotics

To operate in environments built for humans, future robots need to possess human-like capabilities in areas such as perception, manipulation, and reasoning. Intelligent Robotics group at Aalto University School of Electrical Engineering works actively to develop intelligent robotic systems and robotic vision with a particular emphasis on developing methods and systems that cope with imperfect knowledge and uncertain senses. The research environment provides excellent opportunities for open-minded cooperation with the highly motivated research staff as well as with top international partners. The group is very international and the working language is English.

We are seeking excellent candidates on post-doctoral level to help us study how robots can be used in domestic settings to provide services for the aging population. Successful candidates will work in a large multidisciplinary consortium project Robots and Future of Welfare Services recently awarded to us by Academy of Finland Strategic Research Council. The project will run until 2020. The project will provide excellent opportunities for interdisciplinary collaboration and access to state-of-the-art Care-O-Bot 4.

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A candidate should hold a Ph.D. or equivalent degree. Excellent candidates in a final phase of their Ph.D. studies can also be considered. Suitable disciplines include Robotics, Computer Science, Machine Learning, Artificial Intelligence, Control Engineering, Mathematics, and other related areas. A strong publication record and experience in real robotic systems are considered advantages. Candidates are expected to be experienced in programming. Candidates should also be fluent in spoken and written English.

The position is available immediately. The position is fixed-term and filled initially for 1 year with an option for extension up to the end of the project. The salary is determined based on experience and qualifications according to the salary system of Aalto University. Employment includes occupational health and social security benefits.

How to apply

To apply, send the documents indicated below (in English, in a single PDF-file) with reference “Post-doc position”. Submit the application online through recruitment system http://www.aalto.fi/en/about/careers/jobs/view/1352/, no later than on June 30, 2017.

The required documents are:

1) an application letter describing briefly your background and interests;
2) a Curriculum Vitae (with contact details);
3) names and contact information (email) of at least two references;
4) a list of publications;
5) doctoral degree certificate;
6) an electronic copy of Ph.D. Thesis;
7) electronic copies of 1-2 most relevant publications.

The position will be filled as soon as a suitable candidate has been found.

Additional Information
For additional information, please contact Ville Kyrki by e-mail firstname.lastname@aalto.fi or tel. +35850 4082035 or in recruitment process related questions HR Coordinator Jaana Hänninen, firstname.lastname@aalto.fi.

Aalto University reserves the right for justified reasons to leave the position open or to extend the application period.

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.