

Research Fellow in Human-Robot Collaboration in Manufacturing, University of Tartu, Estonia.

Organisation: University of Tartu, institute of Technology, IMS Lab www.ims.ut.ee

Research Field: robotics, technology; computer engineering

Type of contract: Fixed term, 24 months.

With possibility to extend as senior research fellow or tenure track, starting from Associate Professor position

Hours per week: 40

General Description

University of Tartu (UT) is among the top 3 best universities in emerging Europe and central Asia (QS EECA University Rankings 2018). The Institute of Technology at UT is looking for a Postdoctoral researcher/teacher in the field of human-robot collaboration with special focus on manufacturing related tasks (e.g., collaborative assembly, load assistance, kitting). The person is expected to conduct research in the field, supervise PhD students, and give lectures at university level.

We offer

- Salary up to 2700 €/month depending on the candidate's qualification and the level of experience + 600 €/month Family Allowance.

Funding is available through the IT Academy programme funded by the Estonian Government via HITSA foundation.

- Opportunity to work in modern environment on advanced technology
- Estonia has social security system that provides access to free medical services.
- University town based campus
- International, open minded society easy to integrate

Required qualifications

- PhD in Robotics, Computer Science, or related field
- Outstanding programming skills (C++ preferred)
- International peer-reviewed publications in the field of robotics, control theory, and/or artificial intelligence

Preferred qualifications

- Excellent C++ skills
- Development experience with ROS
- Experience in applying machine learning and artificial intelligence in technological systems
- Excellent understanding of control theory

- Experience in giving lectures at university

Duties and responsibilities

To conduct research in the field of robotics and human-robot collaboration in manufacturing, to prepare and implement research projects under the supervision of senior staff; to supervise graduate and doctoral students; teaching up to one course per semester (2 hours per week) in the area of specialization. Participation in the work of decision-making bodies of the university is encouraged.

See also <https://euraxess.ec.europa.eu/jobs/302438>

and

<https://www.ut.ee/en/welcome/job-offer/research-fellow-human-robot-collaboration-manufacturing>

Deadline for applications

03.09.2018

Starting on

as soon as possible but not later than 01.01.2019

Additional info

Prof Alvo Aabloo, Alvo.Aabloo@ut.ee

Associate Professor Karl Kuusamäe Karl.Kruusamae@ut.ee