

Principal investigator/(Associate) Professor/Research Group Leader of Collaborative Robotics, University of Tartu, Estonia.

Research Field: robotics, technology; computer engineering

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 Principal investigator/(Associate) Professor/Research Group Leader 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, build and manage a research group, be successful in grant proposals, supervise PhD students, and give lectures at university level.

Duties and responsibilities

Leading and performing high-level research in the area of Human-Robot Collaboration in Flexible Manufacturing;

- Supervising postdoctoral researchers, PhD students, and Master's students in their research activities;
- Seeking additional prestigious competitive funding and growing the research capacity in the specialty area at University of Tartu;
- Teaching courses on bachelor's, master's, and doctorate level;
- Developing collaborations with industry in Estonia, EU and world-wide;

Position type will be assigned according to experience and background of applicant: Senior researcher, Associate professor or Professor or Research Professor.

Benefits

Salary

Salary starting from 3300 €/month up to 10000€/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.

Selection process

An ambitious long-term research vision to be submitted with the application

Additional comments

Starting on as soon as possible but preferably not later than 01.01.2019

In case of interest please contact for information and additional details:

- Prof Alvo Aabloo, Alvo.Aabloo@ut.ee
- Associate Prof Karl Kuusamäe Karl.Kruusamae@ut.ee

Offer Requirements

- REQUIRED EDUCATION LEVEL
Engineering: PhD or equivalent
Computer science: PhD or equivalent
- REQUIRED LANGUAGES
ENGLISH: Excellent

Skills/Qualifications

Required qualifications

- 4-7 years of postdoctoral experience;
 - Experience in developing robotic systems using C++, ROS and machine-learning;
 - High-quality publications in the finest venues in their specialty;
 - An ambitious long-term research vision to be submitted with the application;
 - Ability to attract prestigious grants and high-level funding in a four-years horizon.

Specific Requirements

Preferred qualifications

- Development experience with ROS

- Experience in applying machine learning and artificial intelligence in technological systems