

Open PhD-Student Positions

“Robot Grasping – Tactile sensing and proximity perception in industrial environments”

at the Alpen-Adria-Universität Klagenfurt, Institute of Smart System-Technology, Faculty of Technical Science, chair for Sensors and Actuators. The monthly minimum gross salary for these position (full employment, Uni-KV: B 1) is € 2.865,50 (14 x per year). 3 years contract.

PhD-topic:

- Robot Grasping – Tactile sensing and proximity perception in industrial environments

Job Description:

- Research in the field of the PhD-topic with the aim to achieve a PhD degree within three years, collaboration within the faculty and the research focus on networked and autonomous systems.

Requirements

- Master Degree in Electrical Engineering, Information Technology, Telematics, Applied Mathematics or a related subject,
- Fluent in written and spoken English
- High motivation, independence, diligence, teamwork and communication skills in scientific research and teaching
- Willingness to collaborate with industrial and academic partners in collaborative research projects (compare e.g. www.cap-size.at)

Additional Qualifications:

- Good academic record
- Experience and/or interest in at least one of the following fields:
 - o Multiphysical modeling and simulation of sensors and actuators
 - o Design of (Computer) Experiments
 - o Additive Manufacturing
 - o Machine Learning
 - o Wireless Transducers
 - o Object Oriented Programming (e.g. python, c++, Matlab, ...), experience with ROS

The Faculty of Technical Sciences was founded in 2007 and is home to the three departments of information and communication technology, computer science and mathematics, with currently 18 professors and 11 associate professors. The common research focus is in the area of **“Networked and Autonomous Systems”** with applications such as robotics and multi-UAV (Unmanned Aerial Vehicle) systems, smart grids, transportation systems, intelligent automation and production systems or telecommunications.

For further information please contact Prof. Hubert Zangl, hubert.zangl@aau.at or visit our website at www.aau.at/sat.