



**Open PhD-Student Position**  
**“Wireless Sensors for the Internet of Everything”**

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 this position (full employment, Uni-KV: B 1) is € 2.696,50 (14 x per year). 3 years contract, start May 2016.

**PhD-topic:**

- Extension of our wireless sensor platform to provide easy access from the Internet to innovative sensors developed in our group and by collaboration partner
- Methodology for robust design of wireless sensor and actuator systems

**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 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 a large European Research project.

**Additional Qualifications:**

- Good academic record
- Experience and/or interest in at least one of the following fields:
  - o Statistical Methods (Estimation Theory, Detection Theory, Reliability)
  - o Wireless Sensors
  - o Object Oriented Programming (e.g. python, c++, Matlab, ...)

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](mailto:hubert.zangl@aau.at) or visit our website at [www.aau.at/sat](http://www.aau.at/sat).