To strengthen our dedicated team in the research department Augmented Vision in Kaiserslautern we are looking for some

**Researchers in the field of machine learning and Body Sensor Networks (m/f/d)**

*(full-time, initially limited to 1 year)*

The research department Augmented Vision, headed by Prof. Dr. Didier Stricker, focuses on the topic "Body Sensor Network" for the precise and temporally stable acquisition of the body kinematics of a person in industrial environments.

Your tasks:

- Research and development of new algorithms for body motion estimation using IMUs
- Online estimation of calibration parameters
- Detection of Body-Poses with the help of a few sensors

Your qualifications:

- A degree in computer science (Master's or comparable) in a subject with significant computer science content
- Very good knowledge of machine learning and/or optimization, stochastic methods
- Very good programming skills (C/C++, Python)
- Enjoy working in a dynamically growing team

Your benefits:

- The possibility to work in interdisciplinary research projects at the interface between sensor technology, machine learning, estimation methods, classification
- Scientific work and possibly doctoral studies at the TU Kaiserslautern
- Excellent industrial contacts
- Excellent equipment
- An innovative, agile and professional working environment at one of the outstanding IT locations in Germany

We look forward to receiving your informative application documents including passport photo, salary expectations and your earliest possible starting date up to 28.02.2020.

Please contact [First name, Last name] for further information and send your application via E-Mail to av-jobs@dfki.de.

The German Research Center for Artificial Intelligence (DFKI) is Germany's leading business-oriented research institution in the field of innovative software technologies based on artificial intelligence methods. In the international scientific community, DFKI ranks among the most recognized "Centers of Excellence" and currently is the biggest research center worldwide in the area of Artificial Intelligence and its application in terms of number of employees and the volume of external funds. The DFKI cooperates closely with national and international companies.

Severely disabled applicants and peers are given special consideration if they are equally suitable. The DFKI intends to increase the share of women in the field of science and therefore urges women to apply.