



Researcher in the area of Computer Vision (Scene Flow) for autonomous driving

The research department "Augmented Vision" of the DFKI in Kaiserslautern is looking for a

Researcher in the area of Computer Vision (Scene Flow) for autonomous driving

The research department "Augmented Vision" is generally researching in the area of image processing, image understanding, computer vision and 3D reconstruction from camera images. An upcoming project will develop and evaluate scene flow algorithms. In particular, the methods should be suitable for applications in the field of autonomous driving. In addition to classical algorithmic approaches, methods of deep learning should also be explored. The work is expected to be carried out in close cooperation with an external industry partner.

In addition to excellent communication and teamwork skills, applicants should have in-depth knowledge in some of the following areas:

- Image processing and 3D Computer Vision
- Machine Learning / Deep Learning
- Optimization
- Very good C++ knowledge under Windows and/or Linux
- Interest in scientific work in the form of publications
- Advantageous: Experience in the field of Optical Flow, Scene Flow

We offer excellent working conditions with interesting research topics in an interdisciplinary team at an internationally renowned research institute. At the same time, the opportunity to do a PhD at the TU Kaiserslautern is given within the scope of the position. The position is initially limited to two years; with good chances of extension. Further information about our research area can be found at: <http://av.dfki.de>.

DFKI is an equal opportunity employer. Women are especially encouraged to apply. Handicapped applicants with equal qualification will be given preferential treatment.

We look forward to your meaningful application documents including salary expectations. Please address this immediately to Prof. Dr. Didier Stricker, DFKI, Trippstadter Straße 122, 67663 Kaiserslautern, or in electronic form to av-jobs@dfki.de.