W3-Professorship for Cooperative Autonomous Systems in Real World Labs

**Job Description:**

In the Division II - Informatics, Economy, and Society - the KIT Department of Economics and Management will offer a Full Professorship (W3) for Cooperative Autonomous Systems in Real World Labs at the Institute of Applied Informatics and Formal Description Methods (AIFB).

The research focus of the professorship is on human-machine cooperation and autonomous systems in the mobility context. Particular attention should be paid to modeling, methodical and technical implementation, quality assurance procedures and real testing. We are looking for people who are experienced in the development and evaluation of cooperative and autonomous systems.

This professorship is a core element of the real-world laboratory "Autonomous Driving in the Mobility System of the Future". It forms a tandem with the W3 Professorship "Real-World-Lab Research Design" at the KIT Department of Humanities and Social Sciences. Both professorships are involved in the management of the real-world laboratory.

In teaching, the professorship should contribute to the education of students of the KIT Department of Economics and Business Administration. In addition, appropriate participation in the compulsory courses in Applied Informatics in the bachelor’s core modules of the interdisciplinary study programs at the KIT Department is expected. Linked to this is the willingness to learn the German language.

We are looking for a personality who has outstanding scientific qualifications and an excellent international reputation. Skills in the acquisition of third-party funding and the management of scientific teams are expected, as well as very good didactic skills in both basic computer science lectures and in advanced master courses.

A willingness for inter- and transdisciplinary cooperation in research and teaching is expected.

**Qualification:**

Employment conditions as outlined in Article 47, LHG (Act of Baden-Württemberg on Universities and Colleges) in conjunction with § 20 KITG (KIT-Gesetz) shall apply.

**Institute:**

Division II - Informatics, Economy, and Society/ Institute of Applied Informatics and Formal Description Methods (AIFB)/ KIT Department of Economics and Management
Contract duration: unlimited
Starting date: as soon as possible
Application up to: 15.02.2021

Contact person in line-management:

Application: For enquiries regarding this specific position please contact Prof. Dr. Decker, E-Mail: michael.decker@kit.edu

KIT is an equal opportunity employer. Women are especially encouraged to apply. Recognized severely disabled persons will be preferred if they are equally qualified.

The processing of personal data by the Karlsruhe Institute of Technology (KIT) is carried out according to the Privacy Policy (http://www.sek.kit.edu/downloads/2020-11-17_DSE_Berufungsverfahren_englisch.pdf)

Applications with the required documents (curriculum vitae, degree certificates as well as a list of publications) and a perspective paper (maximum of three pages) on the planned research and teaching activities and possible cooperations at KIT and a short concept for the design of research in the real-world laboratory "Autonomous Driving in the Mobility System of the Future" (max. one page) should be sent by e-mail, summarized in a single PDF document, to gs@b2.kit.edu by 15.02.2021