W3-Professorship for Networked, Safe Automation Technology

**Job description:**
We are looking for a person, who is to represent in research and academic education the field of automation technology for networked and safe process or production automation systems in connection with Industry 4.0. Applicants should be experienced and have a high reputation in several of the following areas:

- Automation of distributed cyber-physical systems
- Software engineering and architectures for automation technology
- Information models in industrial automation and management systems
- Formal description methods in automation technology
- Dependability of networked automation systems in terms of functional safety and IT security
- Artificial intelligence in networked automation systems

**Qualification:**
Candidates should have an internationally outstanding scientific qualification, excellent didactic skills, and leadership experience. Experience gained in industry or close-to-industry research as well as in the acquisition of third-party funding is desired.

In the area of academic education, candidates are expected to actively participate in existing and newly established German and English study programs offered by the KIT Department of Electrical Engineering and Information Technology as well as in related programs offered by other departments of KIT. Besides courses in the field covered by the professorship, this also includes basic lectures in bachelor’s programs.

The employment conditions as outlined in Art. 47 LHG (Law of Baden-Württemberg on Universities and Colleges) shall apply.

**Institute:**
Division III – Mechanical and Electrical Engineering, and Member of the Board of the Institute for Control Systems (IRS) at KIT Department of Electrical Engineering and Information Technology

**Contract duration:**
Permanent;
The professorship is endowed by SEW.

**Starting date:**
Employment is to start at the earliest date possible.

**Application up to:**
January 6th, 2021
Application:

Kindly mail your application, including the usual documents (CV, list of publications, graduation and other certificates, teaching evaluations, documentation of previous and planned research and teaching activities) by January 06, 2021 to Professor h.c. Dr.-Ing. Joachim Knebel, Head of Division III – Mechanical and Electrical Engineering, Karlsruhe Institute of Technology (KIT), c/o Dekanat ETIT, Kaiserstr. 12, 76131 Karlsruhe, Germany, via email: dekanat@etit.kit.edu. For a comparative evaluation of applications as part of the appointment procedure, please submit the CV and the (planned) research and teaching concept in English.

In case of questions relating to the appointment procedure, contact the Dekanat (Dean’s Office) of the KIT Department of Electrical Engineering and Information Technology, email: dekanat@etit.kit.edu, phone: +49(0)721/608-47513 (Managing Director: Nicole Landeck).

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 KIT is certified as a family-friendly university and offers part-time employment, leaves of absence, a Dual Career Service and coaching to actively promote work-life-balance.