Professor (W3) for Networked, Safe, and Secure Automation Technology
a Professorship Endowed by SEW

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

- Automation of distributed cyber-physical systems, e.g. cloud-based
- Design and optimization of fault-tolerant automation systems, virtual systems design
- Safe and secure distributed automation systems, e.g. functional safety in industrial automation and plant construction
- Information models in industrial automation and management systems
- Artificial intelligence in networked automation systems
- Formal description methods in automation technology, semantics and ontologies

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 from courses in the field covered by the professorship, this also includes basic lectures in bachelor's programs.

Qualification:
Candidates should have internationally outstanding scientific qualification, experience in leading working groups as well as excellent didactic skills. Several years of successful work in industry or applied research and experience in the acquisition of third-party funds are desired.

The conditions of employment are according to § 47 LHG

Institute:
Division III - Mechanical and Electrical Engineering, KIT Department of Electrical Engineering and Information Technology, Institute for Control Systems (IRS)

Contract duration: unlimited
Starting date: as soon as possible
Application up to: November 22\textsuperscript{nd}, 2018
Application:
Kindly send your application, including the usual documents (CV, list of
Kindly send your publications, graduation and other certificates, documentation of previous and planned research and teaching activities) in written and electronic form to the Karlsruhe Institute of Technology (KIT), Dean of the KIT Department of Electrical Engineering and Information Technology, Kaiserstr. 12, 76131 Karlsruhe, Germany, email: dekanat@etit.kit.edu.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.