

At the earliest possible date and initially limited to a two-year term, the FZI Research Center for Information Technology is looking for

RESEARCH SCIENTISTS

for the design of software-intensive embedded systems

The FZI Research Center for Information Technology at the Karlsruhe Institute of Technology is a non-profit institution for applied research in information technology and technology transfer. We are looking for research scientists to join one of our research departments as early as possible.

We are currently building up our research team working on methods and tools for the design of software-intensive embedded systems. Research topics range from system modelling approaches and system analyses based on simulations to static analyses of the developed system.

You will assist our current research and technology transfer projects. We are currently searching for research scientists to support projects with the following thematic focus:

- Static code analysis of automotive software for autonomous driving
- Model-driven round-trip engineering of software-intensive systems in the context of smart factories
- Modelling and generation of safety and security-critical systems

WE OFFER

- Interdisciplinary work environment with partners from science and industry
- Economy and industry-oriented work organisation and environment
- Constructive work atmosphere and proximity to the KIT-Campus and the centre of Karlsruhe City
- Doctorate opportunity at the university of Tübingen with Prof. Dr. Wolfgang Rosenstiel
- Individual support providing continuous education and the possibility to visit international conferences
- Payment in accordance with Tarifvertrag für den öffentlichen Dienst der Länder (TV-L) (collective payment agreement)
- Flexible and family-friendly management of work schedules

YOUR PROFILE

- University degree in computer science, electrical engineering or similar fields
- Ability to work as a productive and valued member of the project team
- Ability to work independently using methodical and creative thinking
- Excellent spoken and written communication skills in English and/or German
- Motivation und commitment

YOUR APPLICATION

We are looking forward to your PDF file application using the keyword „SiM Embedded Systems Team“ to Ms. Miriam Busch, karriere@fzi.de, comprising the following documents

- Cover letter and CV
- Confirmation of your university degree with certificates and transcript of grades

Please refer to Mr. Sebastian Reiter, sreiter@fzi.de, for questions regarding the job offer