JOB OFFER No.: 2018/048

The University of Konstanz has been successful in the German Excellence Initiative since 2007. The Chair for Software and Systems Engineering (Prof. Stefan Leue), in the department of Computer and Information Science, has as of July 1, 2018 (or later date upon mutual agreement) an opening for the full-time position of a

Research Assistant/PhD Student
(Salary Scale 13 TV-L)

This definite term position is available for 3 years. In principle, this position can be divided into two half-time positions.

The position and its tasks:
The Chair for Software and Systems Engineering (http://sen.uni-konstanz.de/) is developing algorithmic techniques and tools to support the design of safe embedded systems, in particular in the areas of autonomous mobility and cyber-physical systems. Of particular interest is the development of analysis techniques based on formal methods. As an example, in the course of the QuantUM project (www.quantum-tool.com) we develop an automated tool based on causality checking to support the safety analysis in a model-based system development process. We offer English language academic courses from a large range of topics in software and systems engineering and formal methods in which we introduce into the theoretical and methodological foundations as well as practical industrial applications. Your tasks include support of the work of the chair in research and teaching, thereby also shaping our activities. There will be the opportunity to prepare a PhD thesis during the term of this position, and pursuing a PhD is highly desired. In exceptional situations candidates possessing a PhD can be hired as post-doctoral fellows in the same pay scale.

Your profile:
You possess a scientific graduate degree (Master’s level) or a PhD in Computer Science with excellent grades. You have a solid background in software engineering and its foundations and you feel comfortable working on theoretical as well as application oriented problems. You also enjoy developing software and you have software development experience. You are eager to present your ideas internationally. You have excellent English language proficiency in speech and writing. While full proficiency in German is not a requirement for this position, it is expected that candidates will acquire a basic proficiency during their employment.

What we offer:
A well-equipped and well-funded work environment (modern computing equipment, modern offices, travel grants), a dynamic, international work atmosphere in an area with superb quality of life (Lake Constance, Black Forest, Alps) as well as an opportunity for close collaboration with industry (amongst others, automobile industry, avionics industry).

The University of Konstanz encourages applications from people with a disability. They will be given preference if appropriately qualified (contact +49 7531 / 88 – 4016).
The University of Konstanz is committed to further the compatibility of work and family life.
The University of Konstanz is an equal opportunity employer that tries to increase the number of women in research and teaching.
The University of Konstanz supports dual career couples. Information can be obtained from: http://www.uni-konstanz.de/dcc.

Please send your application with the usual documents as one PDF file at the latest on April 14, 2018 to Prof. Dr. Stefan Leue, E-Mail: softsek@inf.uni-konstanz.de, indicating the reference number 2018/048.

For further questions you may contact Prof. Leue, E-Mail: stefan.leue@uni-konstanz.de or phone: +49(0)7531/88-2893.
sgd. Svenja Winter