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 October 1, 2018 (or later date upon mutual agreement)** an opening for the full-time position of a

Research Assistant
(Salary Scale 13 TV-L)

under the supervision of Dr. Georgiana Caltais. This definite term position is available for 2 years with the possibility of an extension. In principle, this position can be divided into two part-time positions.

**The position and its tasks:**
Software defined networking (SDN) is an emerging approach to network programming in a setting where the network control is decoupled from the forwarding functions. This makes the network control directly programmable, and more flexible to change. We aim at devising a toolbox for SDN debugging and for efficiently reasoning on, and explaining what caused failures of SDN applications, who is to be blamed or who is responsible for these erroneous behaviours. The research is to be performed within the Chair for Software and Systems Engineering ([http://sen.uni-konstanz.de/](http://sen.uni-konstanz.de/)). We offer English language academic courses from a large range of topics in software and systems engineering and formal methods 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, 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 a Post-Doc in the same pay scale.

**Your profile:**
You possess a scientific graduate degree (Master's level) or a PhD in Computer Science (or Mathematical Logic) with excellent grades. 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).

Persons with disabilities are explicitly encouraged to apply. They will be given preference if appropriately qualified (contact +49 7531 88–4016).

The University of Konstanz is committed to ensuring an environment that promotes a good balance between university and family life.

As an equal opportunity employer, the University of Konstanz we strive to increase the number of women in research and teaching.

To find out how the University of Konstanz supports working couples through its dual career programme, please visit: [http://www.uni-konstanz.de/dcc](http://www.uni-konstanz.de/dcc).

Please send your application including your cover letter, CV and official transcripts of education certificates as **one PDF file at the latest on August 27, 2018** to Dr. Georgiana Caltais, via E-Mail: Georgiana.Caltais@uni-konstanz.de, indicating the reference number 2018/141.

For further questions you may contact Dr. Georgiana Caltais: Georgiana.Caltais@uni-konstanz.de or by phone: +49(0)7531/88-4762. We will be happy to answer specific questions, and look forward to your qualified application!

sgd. Svenja Winter