

The Software Engineering Research Group in the Institute of Informatics Systems at the University of Klagenfurt in Austria is seeking an enthusiastic

Project Assistant (f/m)

interested in obtaining a PhD degree in the area of safe round-trip engineering of large, complex software systems. The position is **full-time** and limited to **three years**. The minimum salary is € 2.662,90 before taxes (14 x per year). The potential starting date is **as soon as possible**.

The position is in the research project SAFE-RTSE funded by the Austrian FFG under the Bridge 1 program. This project provides candidates with the opportunity to do a PhD in an international renowned team led by the Software Engineering Research Group in collaboration with XAutomata Technology GmbH and the Italian Università Politecnica delle Marche.

Tasks comprise:

- Investigation of a software reengineering methodology for (ERP) legacy systems, based on rewriting logic;
- Development of research prototypes providing knowledge extraction as well as refactoring techniques;
- Evaluation of the methodology and prototypes in industry;
- Publication and presenting the research results;
- Writing the PhD thesis;

Requirements for candidates are:

- Master's degree in computer science or informatics
- Profound knowledge in one or more of the following areas
 - Re-engineering
 - Formal methods in software engineering
 - Software quality
- Good command of written and spoken English

Desired are:

- Experiences with formal specifications
- Experiences with performing empirical studies
- Good communicator, strong social skills, and team player
- Independent working style
- Not afraid to learn

Applications should include:

- A detailed resume (with publications, if you have any)
- A motivational letter specifically referring to the open positions (maximum 3 pages)
- Copies of marks and degrees/certificates
- A list of 3 references that we can contact
- Your MSc thesis in English (or alternative if your MSc thesis is not in English, a 5-page summary of your MSc thesis in English).

Please submit your application as **PDF files** not later than **November 15th 2015** via email to Kerstin Smounig: kerstin.smounig@aau.at.

For more information on the position contact Martin Pinzger (E-Mail: martin.pinzger@aau.at). For more information on the Software Engineering Research Group visit [http:// http://serg.aau.at/](http://http://serg.aau.at/).