fortiss is a non-for-profit research and transfer institute associated with the Technische Universität München. Its main focus is on software, systems, and service engineering.

A major topic of research at fortiss is the development of tools to support the software development process. In particular, supporting the construction and certification of software for the automotive and aerospace domains is the subject of several projects currently starting or ongoing at fortiss. To help us in building these next-generation tools, we are currently looking for:

**Post Doc (m/f) or**

**Staff Researcher (m/f)**

On the following topics:

* Gathering and refinement of software requirements for the automotive and aerospace domain, and
* Construction of technical certification arguments for embedded code, built using model-driven development techniques and tools.

We expect:

* An excellent Master’s degree or PhD with a focus in software engineering, model-based development or related areas.
* Advanced software development skills and the willingness to join a fast-pace software development team.
* Very good knowledge of English and German.

We appreciate:

Experience and interest in at least a few of the following areas: model transformations; software verification; requirements gathering; projectional editors; Integrated Development Environments in general; the automotive and the aerospace domains; embedded systems.

We offer:

* Excellent research environment in a research group associated with the Technische Universität München, which is top-ranked in Germany.
* Strong collaborations with a wealth of industrial partners (automotive, aerospace among many others in Munich and the surroundings) and availability of real-world problems where advanced research is in demand and has impact.
* Collaboration with leading research groups.
* Being the leading ICT region and one of Europe's most prospering cities, Munich is a magnet for professionals who seek professional opportunities, the superb quality of life, and first-class living standards,
* Support for further career development in academia, industry, or as an entrepreneur.

Compensation is competitive and according to the regulations of the collective wage agreement of the public service of the German provinces (TV-L 13).

Contact:

Please send your complete application forms to [career(at)fortiss.org](javascript:linkTo_UnCryptMailto('nbjmup+dbsffsAgpsujtt/psh');) together with two references whom we may contact. For further inquiries do not hesitate to contact Levi Lúcio (lucio@fortiss.org).