



As part of the Hightech Agenda Bayern, the Faculty of Information Systems and Applied Computer Sciences at the University of Bamberg invites applications for the position of

Associate Professor (salary level W 2 tenure-track W 3) of

Experimental Software Engineering

as a fixed term civil servant to be filled as soon as possible. Following a positive evaluation conducted at the University of Bamberg after five years' time, the successful candidate's position will be commuted to a fully tenured W 3 professorship without public advertisement.

The successful candidate shall represent the field of Experimental Software Engineering in research and teaching. The applicant shall be qualified in one or more of the following research areas:

- Dynamic and static methods of program and code analysis and software measurement in the context of software quality and program comprehension,
- Techniques and tools for evolution, maintenance, and reusability of complex software systems,
- Empirical studies of software systems and processes in the context of their development, quality assurance and certification,
- Application of the above techniques, processes, and methods in the context of dependable and secure software systems, e.g., to cyber-physical systems, complex mobile and distributed applications, or embedded systems in the Internet of Things.

Within the Faculty of Information Systems and Applied Computer Sciences, a new topic area “Dependable Software Systems” is being created in the Department of Computer Science. This topic area shall especially link the activities in software engineering and programming languages, system-oriented programming, privacy and security in information systems, and theoretical computer science and shall be strengthened by the professorship advertised here.

We are looking for applicants who have demonstrated outstanding scientific achievements and have acquired an internationally recognised research standing. The research areas of the professorship to be filled should adequately complement those of the Faculty's existing professorships in Computer Science, Applied Computer Sciences, and Information Systems. Interdisciplinary cooperation with the other faculties of the University of Bamberg is desirable.

The holder of the position is expected to contribute to the teaching offered in the Faculty's bachelor and master degree programmes, particularly the “B.Sc. Informatik: Software Systems Science” and the “M.Sc. International Software Systems Science”. Applicants

should have teaching experience in core computer science courses, as well as a willingness to participate in computer science teaching outside of experimental software engineering. The successful candidate is also expected to be involved in contributing to the expansion of the degree programmes, to duties in academic self-government, to the acquisition of third-party funds, and to international exchange programmes.

The relevant qualifications consist of a completed academic degree, pedagogical aptitude, a particular talent for academic work generally substantiated by the quality of a doctoral degree, and, in addition to this, further academic achievements. Such achievements must be certified by a Habilitation or an equivalent academic qualification which may also have been obtained through activities outside of higher education or, e.g., within the scope of an assistant professorship or lectureship.

Concerning tenured positions as a civil servant (“Beamtenverhältnis”), the candidate must be under the age of 52 years at the time of appointment (for exceptional cases see Art. 60 Abs. 3 Satz 2 BayHIG).

The University of Bamberg has been certified by the Hertie Foundation as a family-friendly university and is committed to taking measures to help reconcile work and family life. The university is committed to promoting gender equality in the workplace. The Faculty is an equal opportunity employer and encourages applications from female candidates. Where candidates are otherwise equally qualified, preference will be given to candidates with disabilities.

The University of Bamberg is a member of the regional Dual Career Network (DCNN) and provides support for the spouses or partners of newly appointed staff. More information can be found at <http://www.dualcareer-nordbayern.de>.

Applications from abroad are particularly welcome. Candidates are expected to be able and willing to teach in English. Generally, knowledge of German is a prerequisite for hiring; in individual cases, courses may be delivered in English for the first two years.

Applications including the usual documents (single PDF file of up to 6 MB: CV, list of publications and courses taught, teaching evaluation, copies of academic transcripts and certificates) are to be submitted preferably in English, and in electronic form, to the Dean of the Faculty of Information Systems and Applied Computer Sciences, Otto-Friedrich-Universität Bamberg, 96045 Bamberg (email: bewerbungen.wiai@uni-bamberg.de) no later than **April 17th, 2023**.

Questions concerning this advertisement may be directed to Prof. Dr. Dominik Herrmann, via email (dominik.herrmann@uni-bamberg.de) or phone (+49-951-863-2661).