



As part of the **Hightech Agenda Bayern**, the University of Bamberg is going to fill seven professorships within the *Säule KI* and twelve professorships within the *Säule Hochschulreform* at the Faculty of Information Systems & Applied Computer Sciences.

Therefore, the Faculty invites applications for the position of

**Associate Professor  
(W2 tenure-track W3 salary level) of**

**Practical Computer Science, esp. Programming Languages and Methodology**

as a limited-tenure civil servant to be filled next possible date. Following a positive evaluation conducted at the University of Bamberg, the successful candidate's position will be commuted to a fully tenured W 3 professorship without a public call for additional applications after five years' time.

The successful candidate will represent the field of Practical Computer Science with a focus on Programming Languages and Methodology in research and teaching. The applicant should have recognition in one or more of the following research areas:

- Modern programming paradigms, esp. addressing robustness and security for complex distributed or mobile applications, e.g., Cyber-Physical Systems or the Internet of Things;
- Advanced programming concepts and methods, incl. ones addressing parallel programming on modern computer architectures;
- Design and implementation of programming languages including dynamic and domain-specific languages;
- Programming tools, program analysis and compilation techniques.

We are looking for applicants who (according to their career phase) have demonstrated outstanding scientific achievements and have developed an internationally recognized research program in the field that is to be represented. The focus areas of the professorship that is to be filled should adequately complement those of the existing computer sciences professorships and form an interface to the research areas of these professorships.

The holder of the position is expected to contribute to the course program offered in the Faculty's bachelor and master degree programs, particularly in the B. Sc. Computer Science and M. Sc. International Software Systems Science degree programs. The successful candidate is also expected to be involved in contributing to the expansion of the degree programs, to duties in the area of academic self-government, to the acquisition of third-party funds, and to international exchange programs.

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

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. 10 Abs. 3 Satz 2 BayHSchPG).

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 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 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. Basically, knowledge of German is a prerequisite for hiring; in individual cases, courses in the first two years can only be offered in English.

Applications including the usual documents (single PDF file: CV, list of publications and courses taught, teaching evaluation, copies of academic transcripts and certificates) are to be submitted in either German or English, and in electronic form, to the Dean of the Faculty of Information Systems and Applied Computer Sciences, Otto-Friedrich-Universität Bamberg, 96045 Bamberg ([bewerbungen.wiai@uni-bamberg.de](mailto:bewerbungen.wiai@uni-bamberg.de)) no later than **May 14<sup>th</sup>, 2021**.