Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer more than 2,500 employees in research, teaching, technology, and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The Department of Computer Science, part of the Faculty of Computer Science, Education of Computer Science and Mathematics, is currently forming a new topic area “Continuous Software Engineering”. This area will cover the entire software lifecycle, from design to deployment; it will contribute the Department’s strategic focus on data science and security. This topic area will be formed from the existing research group on Secure Software Engineering, together with the following three positions.

Full Professor – W 3 (f/m/d) in Software Engineering

Successful applicants should have a proven, outstanding track record in software-construction aspects of software engineering, e.g., methods and tools for requirements engineering, model-driven software engineering or the design and evaluation of programming languages/paradigms to improve software quality.

Full Professor – W 3 (f/m/d) in Empirical Software Engineering

Successful applicants should have a proven, outstanding track record in empirical aspects of software engineering, e.g., software repositories or ecosystems, software experimentation, quantitative analysis, qualitative analysis, or user studies and surveys.

Junior Professor – W 1 (f/m/d) in Agile Software Quality Assurance

Successful applicants should have a proven, outstanding track record in at least one of the following areas: Tools support and automation systems for agile software development, in particular, DevOps and DevSecOps; methods for test and build automation; efficient concepts for automated validation and verification; empirical studies for tools and methods supporting agile processes.

For this W3 professorship: The recruitment is made in civil service for initially three years. After a positive evaluation the employment will be extended for further three years. A continuation in a permanent employment relationship (“tenure track”) is not planned.

We expect the willingness and interest to cooperate among these research groups, with research groups of the strategic focus data science and security, as well as with other groups within and outside of the Department.

Applications should demonstrate their scientific excellence by publications in internationally leading conferences or journals of software engineering. Experience in obtaining and executing third-party funded projects are expected for W3 positions and a plus for W1 positions. We also expect readiness and interest to prepare large-scale, interdisciplinary research proposals and the ability to cooperate with existing research institutions. To this end, Paderborn University offers an excellent environment, e.g., the opportunity to collaborate with institutions like the SICP – Software Innovation Campus Paderborn, the Fraunhofer Institute for Mechatronic Systems Engineering (IEM), the Heinz Nixdorf Institute (HNI) or the Fraunhofer Institute for Mechatronic Systems Engineering (IEM). We also expect readiness to cooperate across disciplines, relevant teaching experience, and the ability to teach in English and German (at least, mid-term).

Hiring requirements: § 36 Abs. 1 Ziff. 1–3 HG NRW – University law of the State of NRW (completed university degree, pedagogical aptitude, Ph.D. degree) and, for W3 position, additional research achievements (§ 36 Abs. 1 Ziff. 4 HG NRW) and fulfilling the requirements of § 37 Abs. 2 HG NRW. Successful applicants should have a proven, outstanding track record in at least, mid-term.

Since Paderborn University seeks to increase the number of female professors, applications of women are especially welcome. In case of equal qualification and scientific excellence, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LGG), unless there are cogent reasons to give preference to another applicant. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

For further information, please contact the Head of the Department of Computer Science, Paderborn University, Prof. Dr. Holger Karl (eim-i-prodekan@upb.de). Applications with common material, including a research and teaching plan, must be received by 30.06.2021 (Ref. No. 4622 for Software Engineering, Ref. No. 4623 for Agile Software Engineering, Ref. No. 4624 for Empirical Software Engineering). Please send your application in a single PDF file by e-mail to eim-i-4622@upb.de, eim-i-4623@upb.de, or eim-i-4624@upb.de, respectively, or by post to the address below.

Information regarding the processing of your personal data can be located at: https://www.uni-paderborn.de/en/zv/personaldatenschutz

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Paderborn University
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Information regarding the processing of your personal data can be located at: https://www.uni-paderborn.de/en/zv/personaldatenschutz