



The Faculty of Mathematics and Computer Science of the University of Würzburg has an open tenured position in the Institute for Computer Science starting at 1 April 2023:

Professorship (W2) for Computer engineering

The future holder of the professorship (m/f/d) is expected to address classical topics such as computer systems, computer architecture and system-related software as well as current areas of computer engineering in research and teaching.

The future holder of the professorship should have outstanding credentials in several of the following topics:

- embedded systems
- digital technology and hardware design, e.g. with VHDL and FPGA
- application-specific special hardware, e.g. AI processors for aerospace technology, games engineering, industrial automation or autonomous driving
- hardware-related algorithms

Other possible topics include:

- parallel and distributed architectures
- computing architectures for heterogeneous architectures
- high-performance computing and energy-efficient computing
- reconfigurable architectures and self-organizing systems
- hardware-related performance engineering
- system-on-chip systems
- real-time systems

The future position holder should actively contribute to the further development of the institute. Therefore, connections to the Center for Artificial Intelligence and Data Science (CAIDAS, go.uniwiue.de/caidas) and/or to the focal areas of aerospace informatics, games engineering, or informatics and sustainability are desired. Opportunities for interdisciplinary collaboration with colleagues in other departments are also desired. Experience in obtaining external funding and in interdisciplinary research collaboration is expected.

Participation in academic self-governance and teaching is required. Teaching includes in particular basic education in Computer Engineering.

Requirements are a completed university education, pedagogical qualification, the particular competence for scientific work generally proved by a Ph.D. or a doctoral degree, and a habilitation or an equivalent record of relevant scientific achievements in the area of Computer Engineering, which can also be provided by a junior professorship or from outside of academia.

An appointment as a civil servant according to Art. 10 para. 3 BayHSchPG can only happen up to the age of 52 years. Exceptions are possible in urgent cases.

The University of Würzburg has a strong emphasis on the supervision of students and doctoral candidates and expects their teaching staff to be committed to this goal.

The University of Würzburg seeks to increase the share of women in research and teaching and explicitly asks potential qualified female candidates to apply.

Disabled persons will be favored in case of essentially equal qualifications.



Applications must be submitted by e-mail by **1 May 2022** to w2-ti@informatik.uni-wuerzburg.de. The usual documents are required (CV, certificates, list of publications, single-page research concept, single-page teaching concept, list of courses, teaching evaluations) as well as the three most relevant own publications for the subject area of the professorship as a single pdf file. Furthermore, a completed application form is required, see go.uni-wue.de/2022-04-registration-form

To learn more about professorships in Germany (Bavaria), please visit:
<https://www.research-in-bavaria.de/de/how-to-become-a-professor>,

especially the section about professor appointments:
<https://www.research-in-bavaria.de/de/how-to-become-a-professor#c734>

For further information on the advertised professorship, please contact:

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