



The Faculty of Mathematics and Computer Science at the Julius Maximilian University of Würzburg has a vacancy in the Institute for Computer Science for a

University Professorship (W2) for Sustainable Game Technology

to be filled as soon as possible. The position will be filled as a civil servant for life.

The applicant must represent the field of Sustainable Game Technology in research and teaching. The aim is to attract a high-calibre academic personality and to strengthen the faculty's potential for third-party funding. The applicant should specialize in several of the following areas:

- Mobile Games Hardware
- Realtime Physics Simulation (e.g. GPU-based Fluid Dynamics)
- Design of Energy-Efficient Chips
- Design of Sustainable Hardware
- Hardware-Based Efficient Visualization and Animation
- GPU-Based Simulation and Optimization
- Approximate Computing
- Hardware-Based Surrogate Models

Experience in interdisciplinary and international research cooperation is expected. The Center for Artificial Intelligence and Data Science (CAIDAS) at the University of Würzburg offers good opportunities for joint research work.

Teaching duties include courses for the bachelor's and master's degree programs offered at the Institute of Computer Science at the University of Würzburg, in particular in the fields of Games Engineering and Computer Science & Sustainability. The professorship will be involved in the establishment of English-language Master's degree programs in these areas.

The University of Würzburg attaches great importance to the intensive supervision of students and doctoral candidates and expects a corresponding level of commitment from teaching staff.

Requirements for appointment are a relevant university degree, pedagogical aptitude, special aptitude for scientific work, which is usually demonstrated by the quality of a doctorate, as well as additional scientific achievements as detailed in Art. 57 para. 1 sentences 3 and 4 BayHIG. The additional academic achievements should have been made in the field of Computer Science.

Pursuant to Art. 60 Para. 3 BayHIG, an appointment to civil service can only be made up to the age of 52. Exceptions are possible in urgent cases.

The University of Würzburg aims to increase the proportion of women in research and teaching and therefore expressly invites applications from suitably qualified female academics.

Severely disabled applicants will be given preference in the case of otherwise essentially equal suitability.

Applications are to be submitted by e-mail to w2-sgt@informatik.uni-wuerzburg.de. The usual documents are required (curriculum vitae, certificates, list of publications, of courses, teaching evaluations) as a single pdf file. Furthermore, a completed application form is required as a separate xlsx file (go.uni-wue.de/2024-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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oder

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