The University of Passau owes its strong visibility and good repute to excellent research, innovative teaching and its tight-knit international academic networks. Some 11,000 students and more than 1,300 staff study and work on our university campus, which is located a stone's throw from the historical Old Town of Passau and combines state-of-the-art technical infrastructure with award-winning architecture. Internationally successful high-tech companies and a vibrant start-up scene, coupled with a rich culture and Lower Bavarian traditions, give Passau and the surrounding area a special appeal that makes it a great place to live and work.

The **Faculty of Computer Science and Mathematics** at the University of Passau invites applications for the civil-service post – initially as a fixed-term civil-service appointment – of:

Professorship of Artificial Intelligence
(tenure-track professorship at pay grade W1 with advancement to a tenured W3 post)

We are seeking a candidate from universities, research institutions or industry with outstanding scientific credentials in artificial intelligence. Potential research interests are:

- Deep reinforcement learning
- Theory and algorithms of reinforcement learning
- Deep learning for computer vision
- Multimodal AI systems
- Scalable learning algorithms and training methods for large AI models
- AI-based agent systems (AI agents)

Experience in the application of AI in software engineering, IT security, information systems or medicine is desirable. Cooperation between the professorship and the existing chairs and professorships in the faculty is desired. The professorship should also contribute to the faculty's research in the field of artificial intelligence.

The postholder will represent the subject in research and teaching. This involves teaching modules for the Bachelor's degree programmes as well as research-led, English-taught modules for Master's degree programmes of the faculty. The ability to teach courses in German is desirable. Excellent publications, teaching experience, a strong track record in the acquisition of national and/or international external (third-party) funding – particularly for cooperative research projects – as well as experience or an interest in interdisciplinary projects are important selection criteria.

The **Faculty of Computer Science and Mathematics** is particularly strong in terms of external funds acquired and in the number of scientific publications; furthermore, it enjoys an excellent worldwide standing for its research output, and its teaching quality is proven by the outstanding results achieved in German and international university rankings. The faculty responds to the multifarious challenges of a dynamic research landscape on the basis of three core areas of competency: algorithmically oriented mathematics and theoretical computer science as the formal theoretical foundation; computer science with a focus on AI, software and information systems for the application of the theoretical principles in a wide range of application areas; and IT security and reliability.

The successful candidate will be educated to doctoral level and have demonstrated both pedagogical aptitude and academic excellence, whereby the latter is generally established on the basis of the quality of his or her doctoral research. No more than four years should have elapsed between the doctorate and the end of the application period. This period is extended by caregiving periods (see Art. 63(1) BayHIG).

The tenure-track professorship follows the University of Passau's Regulation on the Evaluation of Junior Professorships and Tenure-Track Professorships of 8 August 2023. Tenure-track professors are initially appointed as civil servants on a fixed-term basis for a period of three years. Subject to a positive evaluation, the appointment is extended to a total duration of six years. Following a favourable final evaluation, the fixed-term tenure-track professorship is converted into a tenured W3 professorship.

The University of Passau actively promotes equal opportunities for all genders as well as diversity in the workforce; therefore, applications are welcome from all candidates who fulfil the requisite qualifications, without regard to gender, cultural or social background, religion, world view, disability or sexual identity. As the University wishes to raise the proportion of women in research and teaching, female academics are expressly encouraged to apply. This position is suitable for candidates with disabilities. Those who are registered disabled are given preference over non-disabled applicants who do not otherwise have statutory preferential status if their overall personal aptitudes, skills and qualifications are equal.

To be considered, your application must reach the University by **22 April 2026**. Your full application should include all relevant supporting documents (curriculum vitae, list of publications, teaching assignments, teaching evaluations etc. as well as three articles published in the past five years that are representative of your research output) and should preferably be sent by e-mail to dekanat@fim.uni-passau.de. It should be addressed to the Dean of the Faculty of Computer Science and Mathematics of the University of Passau, Professor Gordon Fraser, 94030 Passau, Germany. When e-mailing your application, all application documents should be attached as **a single pdf file**. E-mailed applications are kept on file for six months after the conclusion of the appointment procedure, whereupon they are deleted from our systems.

Please visit www.uni-passau.de/en/university/current-vacancies for our data privacy policy.