

The **University of Passau** owes its strong visibility and good repute to excellent research, innovative teaching and its tight-knit international academic networks. Some 13,000 students and more than 1,100 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 tenured civil-service post of:

### **Chair of Scalable Database Systems (W 3)**

The faculty searches for a person with an internationally excellent research record in one or more of the following areas:

- Scaling database systems
- Data analysis on distributed and parallel database architectures
- Guarantees and traceability of database operations
- Analysis of large-scale, heterogeneous data sets
- Processing event and data streams
- Database architecture

Candidates are expected to represent their field in research and teaching. Teaching duties encompass substantial contributions to the bachelor and master programs of the faculty, in particular, B.Sc. / M.Sc. Computer Science and B.Sc. Internet Computing. The teaching load is about 9 hours per week. A strong track record in the acquisition of external (third-party) funds and the willingness to cooperate within the faculty and with industry are desired.

Research and teaching at the University of Passau are focused on the guiding themes of Digitalisation, Networked Society and (Internet) Cultures, Europe and Global Transformation, and Migration, Sustainable Development and Just Order. As a forward-looking, internationally visible and attractive university for Europe, the University of Passau seeks to make a significant contribution towards solving Europe's current and future challenges. Members of all faculties are in the process of establishing a unique, internationally-orientated forum for ground-breaking interdisciplinary research on one of the greatest challenges of our time: the societal implications of digitalisation. A willingness to cooperate on this interdisciplinary and cross-faculty project is expected of all future colleagues.

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-orientated mathematics and theoretical computer science* as the formal theoretical foundations, *computer science with a focus on*

*software and information systems* for the application of the theoretical foundations to a diverse range of phenomena, and *mobile and embedded systems*, which explores the interface between people and technology.

The successful applicant will be educated to doctoral level and either possess a formal postdoctoral qualification, such as the German 'Habilitation', or equivalent academic achievements garnered within or outside the higher education system or as part of a prior assistant professor or comparable role (e.g. German 'Juniorprofessur'). He or she will have demonstrated pedagogical aptitude and academic excellence, the latter being generally established on the basis of the quality of his/her doctoral research and subsequent achievements, as applicable. In accordance with art. 10 sec. 3 line 1 of the Bavarian Higher Education Employment Act (BayHSchPG), candidates must not be more than 52 years of age at the time of their appointment.

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 of Passau wishes to raise the proportion of women in research and teaching, female academics are expressly encouraged to apply. This post may be available part-time, provided a suitable number of candidates are willing to work on a work-share basis. Furthermore, this post is suitable for those with severe disabilities, who are given preference if their overall personal aptitudes, skills and qualifications are otherwise equal.

To be considered, your application must reach the University by **6 March 2019**. Your full application should include all relevant supporting documents (curriculum vitae, list of publications, teaching assignments, teaching evaluations etc.) and should preferably be sent by e-mail to E-Mail: [dekanat@fim.uni-passau.de](mailto: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, 94030 Passau. 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.

Data privacy statement ([link to PDF document](#); currently only available in German). The data privacy statement can be accessed from the following web page: [www.uni-passau.de/universitaet/stellenangebote](http://www.uni-passau.de/universitaet/stellenangebote).