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 civil-service post of

Professorship of Machine Learning
(either as a fixed-term W1 tenure-track professorship with tenure option on W2 or as a tenured W2 professorship)

to start on 1 April 2020.

Applicants should have an excellent track record in world-class research in the field of applied machine learning. Desired thematic focal areas include:

- Applied Machine Learning
- Text, Web and Data Mining
- Machine Learning in Software Engineering
- Media analysis (social media and multimedia)
- Information Retrieval

The postholder will represent the full breadth of the subject in research and teaching. He or she is expected to teach modules for the BSc and MSc programmes in Computer Science as well as the BSc Internet Computing at the standard teaching load of 5 (for the W1 tenure-track position) or 9 (for the W2 tenured position) teaching contact hours per week. Experience in attracting external ('third-party') funds and the potential for collaboration within the faculty and with industry are desired.

In Bavaria, 'Juniorprofessor' positions are civil service posts with a fixed term of three years in the first phase (in German: 'Beamter auf Zeit'). Following a positive evaluation, an extension to a total of six years is envisaged (cf. art. 15(1) Bavarian Higher Education Employment Act, BayHSchPG).

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 co-operate 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 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 fundament, 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 candidate will be educated to doctoral level and – if applying directly for the W2 tenured position – 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; for applicants for the W1 tenure track, the appointments committee will be looking for a doctoral thesis of exceptional quality. In accordance with art. 10(3)(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.

Any periods of employment as research assistants or graduate research or teaching assistants (German job title: 'Wissenschaftlicher Mitarbeiter', 'Wissenschaftliche Mitarbeiterin' or 'Wissenschaftliche Hilfskraft') before or after the doctoral qualification phase will be counted towards the time limit under art. 14(3) of the Bavarian Higher Education Employment Act (BayHSchPG): candidates must not have spent more than six years cumulatively in the doctoral and employment phase when applying for the W1 position. This period is extended as appropriate by any periods of maternity leave, parental leave etc.

The tenure-track career path is prescribed in the [tenure track statutes (German text)](#), which include provisions on quality assurance structures, procedures and standards. Advancement from the fixed-term tenure-track professorship to the tenured professorship will proceed in line with the criteria defined in this quality assurance concept. This concept requires that candidates for this career path have completed a doctorate at a university other than the University of Passau and/or have worked in an academic position outside the University of Passau for a minimum of two years.

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 pro-portion 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 who are registered disabled. Registered disabled persons 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 **3 October 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 dekanat@fim.uni-passau.de. It should be addressed to the Dean of the Faculty of Computer Science and Mathematics, Professor Michael Granitzer, Innstr. 33, 94032 Passau. When e-mailing your application, all application documents should be attached in *a single pdf file.* Please indicate whether you are applying for the W2 position or the W1 tenure-track position. 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 statement.