The University of Potsdam, Faculty of Science, Institute of Computer Science invites applications for a

**Junior Professorship (W1) for Middleware, Operating Systems, and Computer Networks (Tenure Track)**

The position is to be filled as soon as possible. The successful applicant must have an excellent track record in the field of Computer Science with a clear connection to operating systems, computer networks, and middleware, as evidenced by an excellent PhD thesis and internationally renowned publications. The candidate’s research profile must complement the institute’s main research areas, contribute to research-oriented teaching, and strengthen the University of Potsdam’s research foci Data-Centric Sciences and Cognitive Sciences. Ideally, the research is linked to the topics high performance computing, big data computing, non-volatile memory (NVM), in-memory computing, or improving the efficiency of AI systems. The successful candidate is expected to engage in departmental and interdisciplinary collaboration and to be compatible with the Collaborative Research Center 1294 “Data Assimilation” and the Joint Lab “Embedded Intelligence for Bioeconomy”.

The successful candidate will contribute to and have teaching obligations in the degree programs of the Institute of Computer Science, Informatics / Computational Science, Computational Linguistics, Data Science, Cognitive Systems, and in the Computer Science program for teaching degree students. Non-German-speaking appointees are expected to acquire proficiency in German sufficient to be able to interact with all colleagues, students and staff within two years.

For further information, please contact Prof. Dr. Andreas Schwill (andreas.schwill@uni-potsdam.de).

The following application requirements for junior professors must be met in accordance with Section 45 of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG): a completed university degree, pedagogical aptitude, and a particular ability for scientific and scholarly work, typically documented by a dissertation project of outstanding quality. International experience, an outstanding publication record, and teaching experience are also desirable. The period of employment in a full-time academic position between the last examination completed during doctoral studies and an application for a junior professorship must not exceed six years. This period shall increase to the extent of a reduction of working hours by at least one-fifth of the regular working hours granted for the supervision or care of one or several children under 18 years of age or of other relatives requiring care.

The appointment procedure is conducted in accordance with Section 40 BbgHG. In accordance with Section 46 BbgHG, employment shall initially take the form of a civil service position or an employment contract; either arrangement is limited to up to four years. An extension of the position can be granted for a total of up to six years with the junior professor’s consent if she or he has proven her- or himself as a professorial teaching staff member. An additional evaluation will be conducted in a timely manner before the expiration of the junior professorship. In case of a positive outcome, a transition to a permanent professorship (tenure track;
The evaluation and assignment of the promised tenured professorship is governed by the Brandenburg Compensation Act (Section 18 of the Brandenburgisches Besoldungsgesetz – BbgBesG) and takes place after the junior professor’s intermediate evaluation (according to Section 46 BbgHG).

Candidates who meet the hiring requirements for a university professorship in accordance with Section 41 subsection 1 no. 4a BbgHG cannot be considered in the context of this hiring procedure. According to Section 40 subsection 3 sentence 5 BbgHG, junior professors can only be considered for appointment to a professorship at the university they are currently working for if they changed university after completing their doctorate or if they have done scholarly work outside the appointing university for at least two years.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore expressly invites qualified female candidates to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal qualification, women and people with a severe disability will be given preferential consideration in accordance with Section 7 (4) BbgHG. We explicitly welcome applications from abroad and from individuals who will enrich the diversity of our university and represent a variety of individual backgrounds and experiences.

The University of Potsdam offers dual career support and coaching for newly-appointed professors: [www.uni-potsdam.de/arbeiten-an-der-up/appointments](http://www.uni-potsdam.de/arbeiten-an-der-up/appointments)

Please submit your application (including a presentation of your research interests, curriculum vitae, copies of academic certificates and documents, list of publications, list of courses taught, teaching evaluations, list of externally funded projects) via e-mail to ausschreibungen@uni-potsdam.de (in a single PDF file) by January 27, 2022.

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