The University of Potsdam and the ATB aim to increase the proportion of women in research and teaching and therefore expressly invite qualified female candidates to apply. The University of Potsdam and the ATB value the diversity of their members and pursue 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 invite applications from abroad and from persons with a migration background.

The University of Potsdam offers dual career support and coaching for newly-appointed professors: 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 at ausschreibungen@uni-potsdam.de (in a single PDF file) within four weeks of the publication of this advertisement.

The **University of Potsdam, Faculty of Science, Institute of Informatics and Computational Science,** invites applications for a joint professorship under the Jülich Model with the **Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB)** to be filled as soon as possible:

Full Professorship (W 3) for Digital Bioeconomy

The professorship is associated with the management of the "Data Science in Bioeconomy" department at the ATB.

The successful candidate will have an outstanding international track record of research activities in the subject area of the professorship. The applicant must show a strong interest in interdisciplinary research in the fields of life sciences, environmental sciences, or geosciences, as demonstrated by joint publications, international activities, and externally funded projects. Experience in leading a research group and in acquiring third-party funding is required. The successful candidate will represent the discipline in research and teaching and will also lead the ATB's "Data Science in Bioeconomy" department, which is to be established.

It will be the responsibility of the department head to set up a research program for the further development and application of computer science methods in bioeconomy and agricultural engineering. Challenges arising from both disciplines will be combined here, such as sustainability and diversity, interoperability and scalability. We are seeking an internationally renowned researcher working on the spectrum between basic and application-oriented research. Specializations within computer science that are of particular interest to us include data science, machine learning, computer vision, sensor networks, or green IT. Core areas of interest in biobased circular economy and agricultural engineering include the development and optimization of smart systems for agriculture, food processing, biomaterials production, and residue management. Collaboration with the existing JointLabs "Wireless and Embedded System Design" and "Embedded Intelligence for Bioeconomy" and with other interdisciplinary cooperation projects is also expected.

The successful candidate will have teaching responsibilities of at least two hours per week in the B.Sc. and M.Sc. programs in Informatics / Computational Science. Non-German speakers are expected to acquire a working knowledge of German within the first three years of their appointment.

For further information, please contact Prof. Dr. Ulrike Lucke (ulrike.lucke@uni-potsdam.de).

The hiring process is subject to the requirements set forth in Section 41 subsection 1 no. 1-3, 4a and 4c of the Brandenburg Higher Education Act (BbgHG).
The appointment procedure is conducted in accordance with Section 40 BbgHG.