



Universität Potsdam

The **University of Potsdam, Faculty of Science, Department of Physics & Astronomy** invites applications for following professorships to be filled immediately

1. Full Professorship (W 2) in Experimental Physics of Condensed Matter

We invite applications from outstanding scientists with international visibility in the preparation and characterization of structurally well-defined systems ranging from crystalline materials to ordered molecular structures to artificial defects. The characterization of the systems' dynamic properties (transport phenomena, dynamics of structural or electronic excitations, etc.) should complement existing research at, and promote collaboration within, the Department of Physics and Astronomy. Connections to the department's research foci in the areas of functional (soft) condensed matter, ultrafast science or complex systems are strongly encouraged.

The candidate must have a strong publication record and proven experience in acquiring funding. The candidate is expected to teach experimental physics, including introductory physics for science students, at the bachelor's and master's level in German and English. Experience in teaching solid-state physics is desired. Undergraduate courses are generally taught in German. The University of Potsdam fosters an intense mentoring program, from basic undergraduate and graduate programs to PhD students, and expects a strong commitment from the candidate.

2. Associate Professorship (W2) (Tenure Track) in Theoretical Quantum Physics

The professorship is initially limited to 5 years.

The candidate is expected to extend and complement the department's existing research on fundamental properties of quantum systems. We seek candidates with a proven record in independent research, procurement of external funding, and publications in the field of theoretical quantum physics, especially but not limited to fields such as light-matter interactions and excitations in solids or in molecules. The applicant's research program should strengthen the topics covered by the existing experimental groups working in ultrafast science and quantum physics. Collaborations within the research field of functional soft matter, as well as contacts with groups in theoretical and statistical physics, are desired.

The candidate will teach theoretical physics in the BSc, MSc, and physics educators programs. We expect a strong commitment to basic undergraduate and graduate education. Undergraduate teaching will be in German. The candidate must have a doctoral degree in physics or a related field.

To 1. & 2.:

The following application requirements for professors must be documented in accordance with Section 41 of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG): a completed university degree, pedagogical aptitude, and a special ability for scientific work, as is typically documented by a dissertation project; comprehensive competences in science management and additional scholarly achievements as evidenced by a *Habilitation* (post-doctoral dissertation), a junior professorship or work as a research associate at an institution of higher education or an extramural research institution, or scholarly activity in the private sector, or in a similar social field, whether in Germany or abroad. The appointment procedure is conducted in accordance with Section 40 of the Brandenburg Higher Education Act.

To 2.:

Employment shall initially take the form of a civil service position or an employment contract, both limited to five years. If the subsequent evaluation is positive, then there is an opportunity for a promotion to a permanent professorship (tenure track).

To 1. & 2.:

The University strives for a balanced gender ratio at all levels. Severely disabled applicants will be given preferential consideration in the event of equal qualification. We expressly invite applications from people with migration backgrounds.

The University of Potsdam supports newly appointed professors with its Dual Career Service and coaching support: www.uni-potsdam.de/berufungen.html

Please submit your application and relevant documentation (presentation of your research interests, CV, copies of academic certificates and credentials, list of publications, list of courses taught, list of projects funded externally) within 4 weeks of the publication of this job notice via email (in a single PDF file) to ausschreibungen@uni-potsdam.de.

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ZEIT:	28.09.2017
Forschung & Lehre:	29.09.2017
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