



The **University of Potsdam, Faculty of Science, Institute of Physics & Astronomy** invites applications for the following position starting April 01, 2022:

Professorship (W 2) for Computational Physics

The successful candidate will be specialized in quantitative theoretical-physical modeling and computational physics, with applications in non-linear dynamical systems. We are looking for an internationally outstanding scientist with a proven record in original research, procurement of external funding, and with a strong publication record in the area of computational physics and theoretical modeling. We are particularly interested in previous research expertise in the areas of climate physics, physics of oceans and the atmosphere, or other related areas in non-linear dynamics. The successful candidate will be keen to engage in collaborations with other groups at the Institute of Physics & Astronomy, as well as institutes working in the context of environmental science in the wider Potsdam area.

The new professor will teach undergraduate and advanced students in theoretical physics and supervise final theses in BSc/MSc programs. At the MSc level, she/he is expected to substantially engage in teaching (in English) for the MSc course "Climate Physics" and the new degree program "Climate, Earth, Water, Sustainability (CIEWS)". Teaching of physics modules at the BSc level and for teaching degrees is generally conducted in German.

The candidate must have a PhD degree in Physics or a related discipline.

For further information, please contact Prof. Dr. Ralf Metzler (ralf.metzler@uni-potsdam.de).

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 particular ability for scientific and scholarly work, 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 another social field, whether in Germany or abroad. The appointment procedure is conducted in accordance with Section 40 BbgHG.

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 suitability, women in accordance with Section 7 (4) BbgHG and people with a severe disability will be given preferential consideration. 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/berufungen

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 evaluation, list of externally funded projects) via e-mail to ausschreibungen@uni-potsdam.de (in a single PDF file) by June 30, 2021.

Publication:

ZEIT:	March 31, 2021
Forschung & Lehre:	March 31, 2021
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