



Universität Potsdam

Young, modern, and research oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 20,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of about 2,750 faculty and staff members and is located in one of Germany's most scenic areas.

The **University of Potsdam, Faculty of Science, Institute of Physics and Astronomy, Professorship Theoretical Astroparticle Physics** is seeking to fill the following position preferably by March 1st 2019:

Academic Staff Member (Postdoc) Requisition No.: 304/2018

The position is for 40 hours of work per week (100 %). The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13 Ost). This is a temporary position limited to a term of 3 years in accordance with Section 2 subsection 1 of the Academic Fixed-Term Contract Law (WissZeitVG).

The successful candidate is expected to conduct and develop research and to participate in the supervision of students. The PostDoc would be a member in the research group of Prof. Martin Pohl. Locally, research groups in astrophysics, experimental astroparticle physics, and astrophysics offer many opportunities for scientific cooperation. The research activities are also embedded in a larger research group for theoretical astroparticle physics at DESY in Zeuthen.

Responsibilities:

Postdoctoral appointment in theoretical astroparticle physics. We are particularly interested in a scientist working in one of the following areas:

- Radiation modeling of nonthermal sources such as SNR and AGN
- Kinetic studies of wave-particle interactions
- Particle acceleration processes

Qualifications

- Completed academic studies at an institute of higher learning (Ph.D. in physics or astronomy)
- Experience with modeling of particle acceleration and radiation processes

- Experience with numerical and analytical studies of plasmas in space
- Good command of English

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time for their scientific qualification. The University of Potsdam strives to maintain gender balance among its staff. Severely disabled applicants shall receive preference in case of equal qualifications. We expressly invite applications from people with migration backgrounds.

The number of teaching hours complies with the applicable provisions of the Teaching Obligation Ordinance (Lehrverpflichtungsverordnung, or LehrVV) of the federal state of Brandenburg as well as the teaching load regulations approved by the Senate of the University of Potsdam:

http://www.uni-potsdam.de/fileadmin01/projects/verwaltung/docs/Dezernat3/Merkblatt_LehrVV.pdf

This position is assigned to the group of academic employees 1, with opportunities for qualification (doctorate, habilitation)

Applications should include a CV, a statement of research interest, a list of publications, and the names and contact info of at least 2 references. Please send your complete application material before December 31, 2018, to Ines Tietgen (tietgen@uni-potsdam.de).

Potsdam, 26.10.2018