



## Job Announcement

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 21,000 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 over 3,000 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, Experimental Astroparticle Physics** invites applications for the following position:

### **Academic Staff Member (PhD student) Requisition No.: 333/2022**

The position will be part of the coordinated Ph.D. program of the Helmholtz-Weitzman Multi-Messenger School and is dedicated to a global understanding of the Galactic gamma-ray sky by characterising the populations of supernova remnants and other classes of Galactic gamma-ray emitters.

The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). The position is for 26,4 hours per week (66% of a full-time contract). This is a temporary position for a PhD student limited to a term of 3 years in accordance with Section 2 subsection 1 of the Fixed-Term Employment Contracts in Science and Research Act (WissZeitVG). This is a position for a PhD student in Experimental Astroparticle Physics. The position is available as soon as possible.

The Institute of Physics and Astronomy at the University of Potsdam supports a broad range of research in observational and theoretical astrophysics. It has close links with the neighboring Leibniz-Institute for Astrophysics (AIP), the Albert Einstein Institute (AEI), and DESY (Deutsches Elektronen-Synchrotron), which is one of the world's leading research centers for particle and astroparticle physics.

The Experimental Astroparticle Physics group at the University of Potsdam is actively involved in the H.E.S.S. and CTA experiments. Our research focusses on complex data analysis, the interpretation of gamma-ray measurements on global scales, including their multi-wavelength context, as well as on technical developments for current and future experiments. We offer excellent research opportunities through close cooperation with research groups and major institutions in the field.

### **Requirements**

Applicants should hold a Master degree in physics, with specialization in astrophysics or astroparticle physics, and should have one or more of the following skills:

- Experience in the analysis and interpretation of gamma-ray data
- Experience in non-thermal astrophysical modelling
- Programming skills, with an emphasis on Python

- Ability to work independently and in a structured manner as well as together in a team
- Good command of the English language

We offer you varied and challenging tasks in a dynamic team as well as attractive working conditions. Find out more about the wide range of offers and benefits for our employees on the internet at <https://www.uni-potsdam.de/de/arbeiten-an-der-up/>. For further insights into the University of Potsdam, please visit our homepage at <https://www.uni-potsdam.de/en/>. For further questions please contact Dr. Kathrin Egberts, [kathrin.egberts@uni-potsdam.de](mailto:kathrin.egberts@uni-potsdam.de).

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time to their own academic qualification. The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified female applicants 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 within the meaning of Section 7 (4) BbgHG (Brandenburg Higher Education Act) and people with severe disabilities will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

**Applicants should send their applications (including a CV, a 2 to 3 pages statement of current and future research interests, a list of publications, a link to the M.Sc. thesis (if already completed), and two reference letters) by May 20, 2022 via E-Mail to [ines.tietgen@uni-potsdam.de](mailto:ines.tietgen@uni-potsdam.de).**

Potsdam, April 12, 2022