



Leibniz-Institut für
Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) invites applications for a

PhD student position in the area of star-exoplanet systems (m/f/d).

The offered PhD project shall investigate characteristics of star-exoplanet systems through observational pathways. Specifically, this project will analyze the high-energy environment of exoplanets with X-ray observations, in particular with the eROSITA space telescope. A particular focus will be the exploration of wide stellar binaries in the context of star-planet interactions. Other observational avenues, such as optical high-resolution spectroscopy or photometry, may be pursued as well. The PhD student will be supervised by Prof. Katja Poppenhäger.

Applicants should hold a Master's degree or equivalent in astrophysics or a related discipline at the time of starting the position. Applicants are expected to have experience in working with astronomical X-ray data. Existing experience in scientific coding is expected as well. Specific experience with the analysis of wide binaries, Python coding and documentation is considered beneficial.

We aim to fill this position by fall 2023, but an earlier start date is possible as well. The salary will be based on the German public service scale (66% TV-L E13), and the anticipated duration of the PhD project is four years and one month. Benefits include employer contributions to medical and dental insurance, parental leave, and retirement benefits.

Applications for the position should be emailed in a single pdf document to the email address given below; the document should contain a cover letter, a curriculum vitae, and a statement of previous research experience, the latter not exceeding 2 pages. Applicants should also provide the contact information for 2 reference letter writers in the document. Applications received by December 15, 2022 will receive full consideration.

The AIP is an equal opportunity employer who values diversity and particularly encourages women and other underrepresented groups to apply. Preference will be given to people with disabilities with equal competence.

Contact:

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E-Mail for applications:

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