



Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) works on a variety of astrophysical topics covering the full range from solar physics to cosmology. Key aspects are cosmic magnetic fields and extragalactic astrophysics, supported by a large technology branch on spectroscopy, robotics, and e-science. It is located in the beautiful Potsdam/Babelsberg area, at the South-western border of the Berlin metropolitan area. The AIP continues the tradition of the Astrophysical Observatory Potsdam and the Berlin Observatory (founded 1700) and has about 200 employees.

The German eROSITA consortium invites applications for several doctoral student positions on X-ray studies of Galactic stellar endpoints. The doctoral candidates will be affiliated to one of the core institutes of the German eROSITA consortium:

- Max-Planck-Institute for extraterrestrial Physics
- Leibniz-Institute for Astrophysics Potsdam (AIP)
- Dr Karl Remeis Observatory, University of Erlangen-Nürnberg
- Hamburg Observatory, University of Hamburg
- Institute for Astronomy and Astrophysics, University of Tübingen

and will work on a project related to the Galactic diffuse X-ray emission, supernova remnants, accreting white dwarfs, neutron stars, or black holes.

We are looking for highly qualified and highly motivated candidates with a MSc or equivalent degree in Physics or Astronomy, with interest and experience in the above-mentioned research areas. Experience in programming in C, C++, Python (or any equivalent) is desirable.

We value equality and diversity in research and encourage women and members of other underrepresented groups to apply. Preference will also be given to people with disabilities in case of equivalent qualification.

The process of hiring the selected candidates will be handled by the central administration of the respective hosting institute or university. The salary will be based on the German federal public service salary scale (75% of E13 TV-L). The position includes standard unemployment, health, and retirement benefits according to the German law.

Please send your application including a cover letter with a short summary of research interest and the preferred starting date, together with a CV, copies of diploma or relevant certificates, and contact details of two potential referees to Prof. Dr. Manami Sasaki at Dr. Karl Remeis Observatory (manami.sasaki@fau.de). Applications should be submitted by March 31, 2021.

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