



PhD positions in the German eROSITA consortium on studies of Galactic stellar endpoints

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

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

and will work on projects related to the Galactic diffuse X-ray emission, supernova remnants, accreting white dwarfs, neutron stars, or black holes. For more information, please see: www.ero-step.de

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. The required knowledge of the English language is level B1 of CEFR or above.

We value equality and diversity in research and encourage women and members of other under-represented 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 research institute or university. The salary will be based on the German federal public service salary scale, amounting to approximately 1900 EUR net per month depending on tax class. The positions include standard unemployment, health, and retirement benefits according to the German law. Successful candidates at the MPE will automatically be part of the IMPRS on Astrophysics at the Ludwig-Maximilians University Munich (<https://www.imprs-astro.mpg.de>).

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 the BSc and MSc diplomas or equivalent, and contact details of two potential referees as a single PDF document in an E-mail to Prof. Dr. Manami Sasaki (astro-application@lists.fau.de) with the subject: "eROSITA PhD". Applications should be submitted by June 1, 2024, but we will keep the positions open until suitable candidates are found. It is preferred that the candidates start as soon as possible after the selection process finishes.