

PhD position on hot white dwarfs

We are seeking a keen and ambitious PhD candidate to study trans-iron group abundance patterns in hot white dwarfs. The PhD candidate will work in the Heisenberg group led by Dr. Nicole Reindl at the Landessternwarte Königstuhl (LSW) that is part of the Zentrum für Astronomie at Heidelberg University.

Heidelberg is one of the major astronomy hubs in Europe and provides a vibrant and leading research environment. The successful candidate will have access to all ESO facilities and to the Large Binocular Telescope (LBT), and will be expected to analyze a valuable data set currently taken within the HST treasury program "A Treasury FUV Survey of the Hottest White Dwarfs".

Applicants should hold a Master's degree (or equivalent) in astrophysics or a related discipline at the time of taking up the position. Experience with stellar spectroscopy and/or model atmosphere calculations will be an asset. Advanced English skills are a requirement.

The position is for a period of 3 years. The preferred starting date is October 1, 2023, but may be negotiated. The position is funded by the German Aerospace Center according to the German public service scale (up to 66% TV-L E13). Funds will be provided for travel, computing, and publications.

Interested students are invited to send by e-mail a single PDF file to nreindl885@gmail.com containing a cover letter, curriculum vitae, statement of previous research experience (maximum one page), a transcript of records, and if available a master degree certificate, and link to the master thesis. Applicants should also provide the contact information for two reference letter writers.

Applications received by **May 12, 2023** will receive full consideration, but late applications will be considered until the position is filled. For further information please contact Dr. Nicole Reindl, nreindl885@gmail.com.

Heidelberg University stands for equal opportunities and diversity. Qualified female candidates are especially invited to apply. Persons with severe disabilities will be given preference if they are equally qualified. Information on job advertisements and the collection of personal data is available at www.uni-heidelberg.de/en/job-market.