



Thüringer Landessternwarte Tautenburg

PhD position in Radio Astronomy

The Thüringer Landessternwarte (TLS) is a state observatory near the university city of Jena. The TLS performs research in various fields ranging from the search for extrasolar planets to the variability of quasars. The TLS operates the 2m Alfred Jensch telescope, participates in many instrumentation projects and operates an international station of the Low Frequency Array (LOFAR).

The TLS offers a PhD position in radio astronomy. The position is intended to pursue research on the physics of galaxy clusters, active galactic nuclei, or galactic evolution using large radio surveys. The TLS participates in the LOFAR Two-Metre Sky Survey, the MeerKLASS project carried out with the MeerKAT radio telescope, and co-leads the Max Planck MeerKAT Galactic Plane Survey. Research relevant to the PhD may range from simulations, semi-analytical studies, and analysis of data from any of the three surveys, depending on the interests of the candidate.

The TLS aims to increase the number of women in research and explicitly encourages women to apply. Handicapped persons will receive preference over equally qualified non-disabled applicants.

The position is remunerated at the pay scale 50% of TV-L 13 and is restricted to three years.

The position will start on 1 November 2024, but a later start date is possible.

A master in physics, astronomy or equivalent is required. Knowledge in radio astronomy, radio interferometry and good programming skills would be advantageous.

Applicants should send a CV, transcripts, and a statement of research interests of maximally 2 pages. They are also requested to arrange for two letters of recommendation. Please indicate also the preferred start date. All documents should be sent electronically to the email address below.

Applications received by Monday, September 16, 2024, will receive full consideration.

Contact:

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