



# Thüringer Landessternwarte Tautenburg

## Research Associate in Radio Astronomy

The Thüringer Landessternwarte (TLS) is a state-owned observatory near the university town of Jena. The TLS conducts research in a wide variety of fields, ranging from studies of the sun, extrasolar planets, diffuse magnetised plasma in galaxies and galaxy clusters, to radio galaxies. The TLS operates the 2m Alfred Jensch telescope, participates in many instrumentation projects, operates an international station of the Low Frequency Array (LOFAR) and is heavily involved in the analysis of data from the MeerKAT radio telescope.

The TLS offers a research associate position in radio astronomy. The position is intended to strengthen TLS research in the fields of interstellar medium physics, galaxy evolution, cluster physics, radio galaxies or transient objects, and to support TLS's role in the LOFAR European Research Infrastructure Consortium (ERIC). Successful candidates will be expected to take advantage of the TLS participation in LOFAR, for example by working with long baseline data from the international LOFAR stations, or by working with MeerKAT data. The research may be carried out in close collaboration with the upcoming large LOFAR programmes. An existing involvement in the analysis of LOFAR, MeerKAT and/or ASKAP data would be advantageous and the establishment of scientific projects involving these facilities would be strongly encouraged.

The TLS aims to increase the number of women in research and teaching and strongly encourages women to apply. Disabled applicants will be given preference over equally qualified non-disabled applicants.

The position is remunerated at the pay scale TV-L 13. It is offered for two years with one year extension (if funding permits). The position is intended to start by 1 November 2024, however, a later start date is possible.

Successful candidates will have a PhD in physics or astronomy. Knowledge of radio interferometry and working experience in radio continuum data analysis using common software such as AIPS, CASA and/or CARACal or similar packages would be an advantage.

Applicants should send a curriculum vitae, including a list of publications and a statement of research interests of no more than 3 pages, and should indicate their preferred starting date. Applicants are also requested to provide names of referees who would be willing to provide a letter of recommendation on request. All documents should be sent electronically to the e-mail address below.

Full consideration will be given to applications received by Monday, September 16, 2024.

Contact:

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