



# Thüringer Landessternwarte Tautenburg

## Research Associate in Radio Astronomy

The Thüringer Landessternwarte (TLS) is a state-owned observatory situated close to the university town of Jena. The TLS conducts research in a variety of fields, including the study of the Sun, extrasolar planets, diffuse magnetised plasma in galaxies and clusters of galaxies, and radio galaxies. The TLS operates the 2m Alfred Jensch telescope and participates in numerous instrumentation projects. The TLS also operates one of the international stations of the Low Frequency Array (LOFAR) and is involved in large observing campaigns conducted with the MeerKAT radio telescope.

The TLS is offering a research associate position in radio astronomy. The position is expected to strengthen the TLS's research in interstellar medium physics, galaxy evolution, galaxy cluster physics, or cosmic magnetism. The successful candidate is expected to make use of TLS's involvement in LOFAR, for instance by working with long baseline data from international LOFAR stations, or its involvement in a MeerKAT large program. The research of the success candidate may be conducted in close collaboration with a team of one of the upcoming LOFAR2.0 Large Program or with a team of MeerKAT large program. Experience in analysing LOFAR, MeerKAT and/or ASKAP data would be advantageous.

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

The position is remunerated at pay scale TV-L 13. It is offered for two years, with the possibility of an extension of up to two years. The position is intended to start on 1 April 2026; however, a different start date may be arranged.

Successful candidates will hold a PhD in Physics or Astronomy. Knowledge of radio interferometry and experience of working with radio continuum data using common software such as CASA, CARACal or similar packages would be advantageous.

Applicants should send a CV, including a list of publications and an intended research up to three pages. They may also indicate a preferred start date. They should also arrange for two letters of recommendation to be sent directly to the email address provided. All documents should be sent electronically to the email address provided.

Applications received by Friday, 23 January 2026 will be given full consideration.

### Contact:

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