



The Institute for Astronomy & Astrophysics of the University of Tübingen (IAAT) has an opening for a

PhD position (75% E13 TV-L for 3 years)

in stellar astrophysics. The successful candidate will work on

Accretion variability of Young Stellar Objects.

The project is based on optical spectroscopy and photometry of pre-main sequence stars. The aim is to determine stellar and accretion properties of YSOs from time-series data and constrain their variability on days, months, years and secular time-scales. The PhD position is part of YTHACA (Young Stellar Objects at Tübingen, Tautenburg, Hamburg & ESO – A Coordinated Analysis), a national German collaboration that is embedded in the framework of the international ULLYSES and PENELLOPE projects (see here <https://sites.bu.edu/odysseus/> for details). Locally the project is part of the research group *Space Based Astrophysics* of Eberhard Karls Universität Tübingen led by JProf. B. Stelzer which has its focus on multi-wavelength observations of the formation and evolution of low-mass stars and brown dwarfs.

The applicant must have a master or equivalent degree in physics or astrophysics. Expertise with photometric and/or spectroscopic data analysis, and a background in star formation studies are useful.

The position will be funded for a duration of 3 years (36 months). Salary will be according to 75% E13 of the TV-L of the German public services. The application is expected to consist of a CV (including personal data, formation, skills and expertises), copies of university degrees and a brief (1-2 page) statement of previous research experiences and motivation. The candidate should arrange for two letters of recommendation to be sent directly to Prof. B. Stelzer. The deadline for applications is **Jan 31, 2022** with a starting date as soon as possible.

Eberhard Karls Universität Tübingen is committed to increasing the percentage of women in research.

In case of equal qualification preference will be given to applicants with disabilities.

Employment takes place via the Central Administration of the University.

Contact for application and further information:

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