



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

post-doctoral position (100% E13 TV-L for 2.5 years)

in stellar astrophysics. The successful candidate will work on

**Time-variability of accretion, outflows
and star-disk interaction in Young Stellar Objects.**

The project is based on optical/IR photometric and spectroscopic monitoring of benchmark pre-main sequence stars with the aim to study the effects of system geometry and the dynamics of accretion/outflows along disk evolution and across stellar mass. The data were obtained at ESO telescopes on La Silla and Paranal and span time-scales crucial for the dynamics in the environment of Young Stellar Objects (from hours to years). The project is embedded in a research group led by JProf. B. Stelzer with focus on multi-wavelength observations of the formation and evolution of low-mass stars and brown dwarfs.

The successful candidate will be involved in international collaborations. The applicant must have a PhD or equivalent degree in physics or astrophysics. Expertise with photometric and/or spectroscopic data analysis and a background in star formation studies are desirable.

The position will be funded for a duration of 2.5 years (30 months). Salary will be according to 100% 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 (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 **Sep 28, 2018** with possible starting date around the end of this year (i.e. as soon as the administrative procedure allows).

The University of Tübingen is committed to increasing the percentage of women in research and teaching and thus encourages women with adequate qualifications to apply. 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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