



PhD position in High Energy Astrophysics

The **High Energy Astrophysics group** of the **Institute for Astronomy and Astrophysics (IAAT)** at the **Eberhard Karls Universität Tübingen** invites applications for a

PhD position (duration: 3 years; starting date: Oct. 1st, 2019)

focused on observational studies of stellar winds in massive stars and accretion processes onto compact objects (neutron stars and black holes) in high mass X-ray binaries.

The successful candidate will work with data from X-ray satellites, such as XMM-Newton and NuSTAR, in order to understand the structured stellar wind of O/B stars and to decipher the large-scale geometry of wind accretion in high mass X-ray binaries. The work will be conducted in the framework of the high-energy astrophysics group at IAAT. A master degree or an equivalent degree in astronomy, astrophysics, or physics is required by the beginning of the contract.

The position is available starting October 1st, 2019; a later starting date can be negotiated. The position is that of a scientific employee with a salary based upon the German federal public service scale (66% of E13 TV-L) and includes full employee benefits. The university seeks to raise the number of women in research and teaching and therefore urges qualified women to apply. Applicants with disabilities will be preferentially considered in case of equivalent qualification. The process of hiring the selected candidate is handled by the central administration of the university.

Please send your application consisting of single PDF that includes

- a motivational cover letter of max. 2 pages
- a CV
- copies of your master degree certificate or related certificates
- names and e-mail addresses of two academic references

before June 10th, 2019 electronically to Dr. Victoria Grinberg (grinberg@astro.uni-tuebingen.de) as well as in copy (Cc) to Prof. Andrea Santangelo (santangelo@astro.uni-tuebingen.de).

Details about the scientific activities of the High Energy Astrophysics working group can be found at our webpage: <http://www.uni-tuebingen.de/en/90013>