



## Doctoral position (m/f/d, E13 TV-L, 66%)

In the context of the Phase A studies of **THESEUS**, one of the candidates for ESA's M7 mission, **the Institute of Astronomy and Astrophysics (IAAT)** of the Kepler Center for Astro and Particle Physics at the University of Tuebingen, Germany, invites applications for a **Doctoral position for the technological developments of the SXI back-end-electronics (Ref. Nr. IAAT4\_BEE)**. Remuneration is in accordance with 66% of pay grade E13 of the German public-sector collective agreement TV-L. The successful candidate is a Physicist/ Astrophysicist with a master's degree (or equivalent) in Astrophysics/Physics.

The position is expected to start on the 1<sup>st</sup> of May 2024, for a duration of three years. Experience in developments of digital electronics for astrophysical space missions or ground-based observatories is an asset.

The High Energy Astrophysics Group of IAAT has a wide range of interests, including experimental developments in X-ray and TeV Astronomy. Main projects include eROSITA, NewATHENA, H.E.S.S., CTA, eXTP, THESEUS, and HERMES. We are conducting data analysis and modelling of multi-wavelength observations of galactic compact sources, supernova remnants, and for indirect dark matter search.

The University of Tübingen is committed to equal opportunity and diversity. We invite qualified women to apply. The University of Tübingen welcomes applications from outside Germany. Applications from equally qualified candidates with disabilities will be given preference.

Applications, including a *curriculum vitae*, motivation letter, list of publications, and the names and email addresses of two references, should be sent, as soon as possible and **not later than the 29<sup>th</sup> of February 2024**, via e-mail, to the director of the Institute: Prof. Andrea Santangelo, [andrea.santangelo@uni-tuebingen.de](mailto:andrea.santangelo@uni-tuebingen.de). Please explicitly indicate the position(s) you intend to apply to.

The responsibility for the employment lies with the administration of the University of Tübingen. For further information: Prof. Andrea Santangelo, +49 7071 2976128, [andrea.santangelo@uni-tuebingen.de](mailto:andrea.santangelo@uni-tuebingen.de)