



The Institute for Astronomy and Astrophysics at the University of Tübingen (IAAT) invites applications for a

PhD position (3 years, starting date 01.07.2017)

of a DLR (German Aerospace Center) funded project in the fields of stellar atmospheres and atomic data, entitled

Stellar Laboratories: High-precision Atomic Physics with STIS

The PhD thesis project focuses on quantitative spectral analyses of high-resolution ultraviolet stellar spectra obtained with the Space Telescope Imaging Spectrograph. Non-local thermodynamic equilibrium model-atmosphere techniques will be employed to compare measured and calculated line strengths of the elements from calcium to nickel.

The salary is based upon the German federal public service scale (50 % of E13 TV-L). Women are especially encouraged to apply. Severely handicapped persons will be preferentially considered in case of equivalent qualifications.

Interested students are invited to send their application including curriculum vitae and copies of university degrees/records until the position is filled to:

Dr. Thomas Rauch
Kepler Center for Astro and Particle Physics
Institute for Astronomy and Astrophysics
Sand 1, 72076 Tübingen, Germany
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<http://www.uni-tuebingen.de/en/41203>