



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

## **PhD position (3 years)**

of a DFG (German Research Foundation) funded project in the fields of stellar atmospheres and atomic data, entitled

### **Transition Probabilities of Trans-iron Elements**

The PhD thesis project focuses on the calculation of transition probabilities of trans-iron elements from copper to barium with a pseudo-relativistic Hartree-Fock approach. The newly calculated data will be used to identify spectral lines and to determine element abundances in hot white dwarfs.

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

email: [rauch@astro.uni-tuebingen.de](mailto:rauch@astro.uni-tuebingen.de)

WWW: <http://www.uni-tuebingen.de/en/41203>