



The Computational Physics section of the Institute of Astronomy and Astrophysics at the University of Tübingen (IAAT) has an opening for a

## Postdoctoral Position

within the Priority Program 1992 «Exoplanet Diversity» funded by the German Research Foundation (DFG) (<http://www-astro.physik.tu-berlin.de/exoplanet-diversity>).

The successful applicant will carry out original research in the field of Gas Giant Planet Formation in the research group of Dr. Rolf Kuiper. Emphasis lies on the hydrodynamics, thermodynamics, and radiation physics of the accretion shock during the formation of gas giants in protoplanetary disks and the observational implications. Previous experience in radiation-hydrodynamical modeling is highly desirable. Applicants with previous experience in computational astrophysics of planet formation will be favored.

The research activities of the IAAT (<http://www.tat.physik.uni-tuebingen.de>) include Astronomy, Instrumental Design/ High Energy Physics, Computational Astrophysics and Relativistic Astrophysics. The focus of the research group of Dr. Kuiper lies in the field of star and planet formation, more explicitly the physics of accretion, ejection, and feedback.

The appointment is for three years, is funded by the German Research Foundation (DFG), and is paid according to the German public service scale (TV-L 13). Applicants should e-mail a curriculum vitae, a list of publications, a brief summary of previous research (2 pages max.), a statement of current research interests or a brief description of potential side projects (1 page max.), and the names of two referees who have been asked by the applicant to be willing to submit letters of recommendation. Applications should be sent directly to the e-mail address below by February 24, 2018, for full consideration. Applications will be considered until the position is filled. Starting dates are negotiable, but a start before June 2018 would be favored.

The University of Tübingen seeks to increase the fraction of female scientists in research and teaching, and particularly encourages applications from women. Disabled candidates are given preference if equally qualified. For further enquires about this position, please contact Rolf Kuiper ([rolf.kuiper@uni-tuebingen.de](mailto:rolf.kuiper@uni-tuebingen.de)).

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