



FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA



Postdoctoral position on debris disks

The Astrophysical Institute and University Observatory (AIU) of the Friedrich Schiller University, Jena, Germany, is seeking a postdoctoral researcher.

The position is to work in the Research Unit FOR 2285 “Debris Disks in Planetary Systems”, funded by the German Research Foundation (DFG). The successful candidate will join the theory group at the AIU and will work for the Research Unit’s project P1 “**Masses and stirring of debris disks.**” The main goal of the project is to develop a detailed understanding of the origins of debris disks. The researcher is expected to tackle a challenging “mass problem” identified recently for both debris disks and their protoplanetary disk progenitors. They will also address a related question of what excites the planetesimals in debris disks and when, activating the dust production. Both problems should be investigated by means of analytic work and/or numerical simulations, taking into account a wealth of available observational constraints. The researcher will benefit from close collaboration with other observational, theory, and laboratory projects of the Research Unit running in Jena, Braunschweig, and Kiel.

The position is for three years and can start at any time in the summer or fall 2019. The salary is standard for postdoc positions in Germany (TV-L E13/3–E14/2 of the German federal public service scale) and includes a number of social and family-related benefits. Travel funding will be provided. Funding is available for computational resources and the group already has a set of 8 multi-core servers for running simulations. Reimbursement of relocation costs is possible.

The applicant should have a strong educational record and hold a doctoral degree or equivalent in physics or astronomy. Previous experience of astronomical research, preferably on protoplanetary or debris disks, exoplanets or planet formation, is required. Proficiency in English is also required.

Applications as a single document in the PDF format should include a CV, a statement of research interests (4 pages max), and the names and contact details of three referees. Please quote “FOR2285/P1” in the subject. All applications received by **May 27, 2019** will be given full consideration.

The Friedrich Schiller University is an equal opportunity employer and explicitly encourages women to apply. Disabled persons with equal aptitude, competence and qualification will be given preference.

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