



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 P3 **“Origin of the warm and hot dust and planetary system architecture.”** The successful candidate will work to constrain the occurrence rate and parameters of warm and hot dust disks commonly observed in planetary systems, set up and run simulations for plausible cometary and asteroidal scenarios of dust production, transport and removal, consider implications for the overall architecture of the systems, and make suggestions for future observational tests. The researcher will benefit from close collaboration with other observational, theory, and laboratory projects of the Research Unit.

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 for short-term visits to collaborators or to attend conferences 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 debris or proto-planetary 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/P3” 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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