



Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) invites applications for a

PhD student position in dwarf galaxies (m/f/d)

The position is in the research group led by Dr Marcel S. Pawlowski, and part of the project “Cosmic Choreographies – Studying Systems of Satellite Galaxies and Their Phase-Space Correlations”. The successful applicant will also become part of Prof. Maria-Rosa Cioni’s Dwarf Galaxies section and collaborate with other researchers at the AIP.

The PhD project studies satellite galaxy systems, with particular emphasis on the Milky Way system and signatures of the infall of dwarf galaxies in groups. It will involve analyzing cosmological simulations, modeling orbital dynamics, and using observational data such as provided by the Gaia mission and other instruments.

We are looking for a new member of our internationally diverse team, who is interested in working and learning together while contributing to a culture of open debate. Applicants should hold a Master’s degree (or equivalent) in astrophysics or a related discipline at the time of taking up the position. Any of the following skills would be advantageous: experience in scientific coding (preferentially Python), experience with running numerical simulations, analyzing cosmological simulations, or observational studies of galaxies or proper motions. Advanced English skills (spoken and written) are a requirement.

The salary is based on the German public service scale (66% TV-L E13). Employer contributions to medical and dental insurance, parental leave, and retirement benefits are included. The position comes with funding for research travel as well as access to training opportunities within the graduate program of the University of Potsdam. The anticipated start date is June 1, 2022, but an earlier or later start can be negotiated. The AIP is an equal opportunity employer who values diversity and particularly encourages women and other underrepresented groups to apply. Inquiries about the position are welcome and should be sent to Dr Marcel S. Pawlowski (mpawlowski@aip.de).

To apply, please send a cover letter motivating the application, a curriculum vitae, and a one-page statement of research interests and experiences to the address below. The application should contain your Master degree certificate or expected degree completion date, and a link to the Master thesis if already available. **Please send all documents in a single pdf file to: bewerbung-2021-27@aip.de.** Applications received **by December 31, 2021** will be given full consideration. Applicants should also arrange for two letters of recommendation to be sent to the same address by this date.

Equal opportunities are an integral part of personnel and organizational development at the AIP, therefore applications from men and women are equally welcome. People with disabilities will be given preferential consideration if they are equally qualified and skilled.

Application documents will be kept for at least three months after completion of the recruitment process, even if your application is unsuccessful. As a rule, your documents will be made available to a selection committee and the committees and officials to be involved.

Contact:

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