



Leibniz-Institut für Astrophysik Potsdam

The Leibniz-Institute for Astrophysics Potsdam invites applications for a
post-doctoral researcher (m/f/d)

to work on the topic of Circumgalactic Medium Studies.

Position and Requirements

The successful candidate will participate in and contribute to the new ERC-funded research project “SPECMAP-CGM – Spectroscopic Mapping of the Circumgalactic Medium Across Cosmic Times” headed by Prof. Lutz Wisotzki, to investigate the CGM of normal galaxies by means of integral field spectroscopy with observational data from MUSE and HETDEX. The position will be available for a duration of at least 3 years.

Applicants should hold a PhD degree in astrophysics or astronomy at the time of starting the position. A background in extragalactic astrophysics as well as good English skills (written and spoken) are essential. Previous experience with CGM studies or related topics, such as galactic in- and outflows, or the large-scale properties of the ISM, will be of advantage. Applicants with a more theoretical background but interested in the analysis and modelling of observational data would be particularly welcome.

The salary will be based on the German public service collective agreement at the pay grade TV-L E13. Ample funding for work-related travel is available. Employer contributions to medical and dental insurance, parental leave, and retirement benefits are included.

The nominal starting date is October 2022, but this is subject to individual arrangements.

Application

To apply, please register at the AIP recruitment portal

jobs.aip.de/rec121

and follow the instructions to upload the following documents, all in PDF format: A **cover letter** (1 page) motivating your application, a **Curriculum Vitae**, a **list of publications**, a **research summary** of your past achievements (no more than 2 pages), and a **research and career goals statement** that should also highlight your expectations for the position (no more than 1 page). Please also provide contact information for up to three individuals willing to provide **reference letters** upon request.

Applications received until **10 January 2022** will receive full consideration. Since equal opportunities are an integral part of the personnel and organisational development at the AIP, applications from scientists of all genders 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 appointment process. The documents will be made available to a selection committee and to other committees and officers to be involved.

Host Institute

The Leibniz Institute for Astrophysics Potsdam (AIP) has about 200 employees and is dedicated to astrophysical questions ranging from the exploration of our Sun to the evolution of the cosmos. Key aspects are cosmic magnetic fields and extragalactic astrophysics, supported by the development of research technology in the fields of spectroscopy, robotic telescopes, and e-science. It is located in the beautiful Potsdam/Babelsberg area, at the South-western border of the Berlin metropolitan area. The AIP continues the tradition of the Astrophysical Observatory Potsdam and the Berlin Observatory (founded 1700). Potsdam is also the home of the Albert-Einstein Institute for Gravitational Physics, the Physics and Astronomy Department at the University of Potsdam, and several other research institutions.

The AIP offers an open-minded and cooperative working atmosphere in a modern and very well equipped working environment. All institute members and guests agree to comply with the Code of Conduct. The AIP promotes gender equality and invites all institute members to engage by promoting equity and diversity.

Contact for further information:

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