



# Leibniz-Institut für Astrophysik Potsdam

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

in observational extragalactic astrophysics.

## Position and Requirements

The successful applicant will work on the analysis of deep-field data from the MUSE integral field spectrograph at the ESO-VLT (including the MXDF, the deepest spectroscopic data ever obtained), with an emphasis on high-redshift galaxies ( $z \approx 3-7$ ) and their Lyman-alpha emission. The postdoc will join the MUSE GTO international collaboration and have the chance to contribute to its science activities. The position is available for two years; an extension may be possible but will be subject to performance and funding.

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. Experience with galaxy luminosity functions and/or statistical methods will be advantageous.

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 1 October 2022, but individual arrangements will be possible.

## Application

To apply, please register at the AIP recruitment portal

[jobs.aip.de/rec004](https://jobs.aip.de/rec004)

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 development statement** (no more than 1 page). Please also provide contact information for up to three individuals willing to provide **reference letters** upon request. Note that we will request such letters only for a subset of applicants after an initial selection step.

Applications received until **30 June 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:

Leibniz-Institut für Astrophysik Potsdam (AIP)  
Prof. Lutz Wisotzki  
bewerbung-2022-10@aip.de  
An der Sternwarte 16  
D-14482 Potsdam

