Leibniz-Institut für Astrophysik Potsdam

The Leibniz Institute for Astrophysics Potsdam (AIP) 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. The institute is located in the beautiful Potsdam-Babelsberg area, at the southwestern border of the Berlin metropolitan area. The AIP continues the tradition of the Astrophysical Observatory Potsdam and the Berlin Observatory (founded 1700) and has about 200 employees.

We invite application for a

Ph.D. student position (m/f/d)

in the area of galaxy formation and evolution.

The Position

The Ph.D. candidate will analyze data of intermediate redshift galaxies (z<1) obtained with MUSE, an integral-field spectrograph at the ESO Very Large Telescope. The goal is to characterize their stellar kinematics and stellar populations, and trace the evolution of the stellar angular momentum as a function of galaxy mass and environment, with a particular emphasis on the emergence of low angular momentum galaxies. The candidate will join the Galaxies and Quasars group at AIP, work with Dr. Davor Krajnović and be integrated within the graduate program of the University of Potsdam.

Requirements and selection criteria

Applicants should hold a Master's degree or equivalent in astrophysics or a related discipline at the time of starting the position. The following skills would be advantageous for the position: experience in scientific coding, familiarity with the basic analysis of photometric or spectroscopic observations, and knowledge of the stellar population modeling or extraction of stellar kinematics of galaxies. Candidates with an interest in galaxy formation and evolution are strongly encouraged to apply. Advanced English skills (written and spoken) are necessary.

Conditions

The salary will be based on the German public service collective agreement at the 66% of the pay grade TV-L E13. Employer contributions to medical and dental insurance, maternity leave, and retirement benefits are included. The AIP offers an open-minded and cooperative working atmosphere in a modern working environment, very well equipped and located in the middle of a World Heritage Site. All institute members and guests should comply with the Code of

Conduct. The AIP promotes gender equality and invites all institute members to engage by promoting equity and diversity.

Application

If you are interested in this position, please send your application as a single PDF file containing a cover letter motivating the application, a Curriculum Vitae, and one page summary of research experience and interests. The applicant should also arrange for two letters of reference to be sent to the address given below. The application should contain your Master degree certificate (or equivalent) or expected degree completion date, and a link to your Master thesis. Complete applications sent as a single pdf file by **November 12, 2021** to

bewerbung_2021-22@aip.de

are assured of full consideration. The nominal starting date is April 2022, but both earlier and later appointments are possible.

Equal opportunities are an integral part of personnel and organisational 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.

Your application documents will be kept for at least three months after completion of the appointment process. As a rule, your documents will be made available to a selection committee and to the committees and officers to be involved.

Contact:
Leibniz-Institut für Astrophysik Potsdam (AIP)
bewerbung_2021-22@aip.de

Dr. Davor Krajnović
An der Sternwarte 16
D-14482 Potsdam

Leibniz-Gemeinschaft

TOTAL E-QUALITY