

SUPPORT ASTRONOMER (Radioastronomy)

In the context of the BMBF supported advancement of long-wavelength radio astronomy in Germany we seek a competent postdoctoral researcher to prepare the use of future telescopes like MeerKAT and SKA. A core aspect will be preparing a suitable data infrastructure in collaboration with the project partners, especially the Forschungszentrum Jülich. The tasks will include project studies for the data transfer, data storage, and data processing, especially for the new MeerKAT telescope at South Africa.

Your qualification

We are looking for candidates who

- have a Masters degree/PhD in radio astronomy and fulfill several of the following criteria:
- have excellent knowledge in programming in C++, Python, Fortran
- have significant experience with the radio-astronomical standard software like CASA, AIPS, MIRIAD
- have experience with setting-up and maintenance of software-pipelines to master the large data flow from modern multi-channel broadband receivers
- can work independently in a international team of developers
- have excellent communication skills and a good command of the English language
- are willing to travel on a regular basis

Employment with RUB is for initially two years. There is the possibility of further scientific qualification.

Your application

Applications should include a CV, a statement of science and technical interests, and professional experience (max. 1 page). In addition please submit a list of names and contact details (affiliation, e-mail addresses and phone numbers) of 3-5 potential referees (we will approach them). **DEADLINE IS 25.08.2017.** Late applications may still be accepted until the position is filled. Electronic applications should be sent to secretary@astro.rub.de, as one PDF-file.

At Ruhr-Universität Bochum, we wish to promote careers of women in areas in which they have been underrepresented, and we would therefore like to encourage female candidates to send us their applications. Applications by suitable candidates with severe disabilities and other applicants with equal legal status are likewise most welcome.

The full formal announcement of this position is available at <https://www.stellenwerk-bochum.de/jobboerse/wissenschaftl-mitarbeiterin-Radioastronom/in-bo-2017-07-28-131219>.