

Software developer/data scientist position

In the framework of the German contribution to the International LOFAR Radiotelescope the Astronomical Institute of the Ruhr-University Bochum (RUB) is seeking a science software developer/data scientist to support the use of the LOFAR Longterm Archive (LTA) and high performance computing facilities at Forschungszentrum Jülich. LOFAR is an innovative, low-frequency, multi-field aperture array telescope that is using new technologies and novel software approaches (www.lofar.org). LOFAR has started producing unique data in the relatively unexplored spectral window below 200 MHz.

Your qualification

We are looking for candidates who

- have a Masters degree/PhD in software engineering or physics/astronomy and fulfill several of the following criteria:
- have excellent skills in programming in the languages C++, Fortran, Python
- have experience in programming software for parallel architectures (incl. MPI)
- have experience with distributed and/or HPC applications
- have experience with Grid tooling (EGI/gLite/SRM/dCache)
- can work independently in a European-wide team of developers
- are able to bridge between scientific users, software developers and system maintenance
- 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.

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.

The full formal announcement of this position is available at <https://www.stellenwerk-bochum.de/jobboerse/wissenschaftl-mitarbeiterin-software-developerdata-scientist-position-bo-2017-07-27-131064>.