



The Faculty of physics offers a full-time

Research position in Radio Astronomy

starting July 1, 2017

(E 14 TV-L) (non-permanent position)

Your Tasks

We are looking for an experienced radio astronomer in the context of MeerKAT and the SKA. We expect that the candidate will work in close collaboration with the partners of the German D-MeerKAT consortium that contributes to MeerKAT and SKA pathfinder science. The specific task of this position will be the characterisation of an SKA-MID prototype antenna on the MeerKAT site. The successful candidate will take a leading role in an all-sky S-band survey with the prototype antenna and will contribute to a study of zero-spacing corrections for HI intensity mapping. The possibility to carry out independent research projects in parallel is provided. S/he will also support the management (coordinator Dominik Schwarz) of the German consortium and contribute with her/his expertise to establishing a regional MeerKAT data centre. The candidate would also be responsible for supervising Bachelor and Master students and assist with the supervision of PhD students. The successful applicant will be given the opportunity to obtain the *venia legendi*.

Your Profile

We expect

- an academic degree equivalent to a master (Magister, Diplom, First State Examinations) in Physics, Astronomy or equivalent
- PhD
- research experience in radio astronomy (documented by scientific publications, conference contributions and references)
- essential skills in project management, reporting
- experience in programming
- fluent in written and spoken English

Preferable qualifications

- experience in radio astronomical instrumentation development
- software skills in radio astronomy specific software (CASA, AIPS, etc.)
- demonstrated leadership potential in research

Remuneration

Salary will be paid according to Remuneration level 14 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) paragraph 2 of the WissZeitVG (fixed-term employment), the position is limited to a period of 3 years. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. The successful applicant will be given the opportunity to obtain the *venia legendi*. In principle, these full-time positions may be changed into part-time positions, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work–family balance for all its employees.

Application Procedure

For full consideration, your application should be received via either post or email (sent to rededer@physik.uni-bielefeld.de) by the 6th of July 2017. Please mark your application with the identification code: **wiss17078** and submit your application as a single pdf file including a short CV, research statement, list of publications, copies of your academic certificates and a list of names and contact details (affiliation, e-mail addresses and phone numbers) of 3-5 potential referees (we will approach them). Please note all submitted documents will subsequently be shredded. Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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Bielefeld University has received a number of awards for its achievements in the provision of equal opportunity and has been recognized as a family friendly university. The University welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.

Die Universität Bielefeld ist für ihre Erfolge in der Gleichstellung mehrfach ausgezeichnet und als familiengerechte Hochschule zertifiziert. Sie freut sich über Bewerbungen von Frauen. Dies gilt in besonderem Maße im wissenschaftlichen Bereich sowie in Technik, IT und Handwerk. Bewerbungen geeigneter schwerbehinderter und ihnen gleichgestellten behinderten Menschen sind ausdrücklich erwünscht.

