



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Physics invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “ADVANCED ALGORITHMS FOR RADIO OBSERVATIONS WITH THE MEERKAT TELESCOPE”

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on as soon as possible pending external funding

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 2 + 1 years. The position calls for 39 hours per week. This position is also suitable for part time employment.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The position at Hamburg Observatory is focused on the development of advanced algorithms for radio astronomy and science exploitation with a special focus on the MeerKAT radio telescope (<https://www.sarao.ac.za/gallery/meerkat/>). The candidate should have an extensive knowledge of either python or C. Being familiar with concepts of radio interferometry is an asset.

The candidate is expected to develop novel algorithms to calibrate and image radio data and participate in MeerKAT science exploitation.

The position comes with no teaching duties, but there is the possibility of gaining teaching experience upon request.

REQUIREMENTS:

A university degree in a relevant subject plus doctorate. A PhD in astronomy, computer science, physics or equivalent is a requirement.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Francesco de Gasperin (fdg@hs.uni-hamburg.de) or consult our website at www.hs.uni-hamburg.de. Additionally to your application, please send 2 recommendation letters.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by September 1st, 2020 (later applications will be reviewed, if the position is not filled) to: fdg@hs.uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.