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, Institute for Experimental Physics invites applications for a

**RESEARCH ASSOCIATE FOR THE PROJECT**

*“CTA: CHERENKOV TELESCOPE ARRAY”*

* - 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.

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 until June 30th, 2023 with the possibility of prolongation to up to 3 years in total from the beginning of the contract. The position calls for 19.5 hours.

**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 is focused on the preparation and deployment of the next generation of imaging air Cherenkov telescopes in the framework of the CTA project. Within this project, we will contribute to the ongoing commissioning of the first telescopes of the LST-type (see https://www.cta-observatory.org/ for further details) on La Palma. The candidate should have a solid background on data analysis, optimization and programming. Additional experience in the operation and optimization of control loops is an asset. The candidate is expected to work on the mirror alignment procedures and participate in the science exploitation. The position comes without teaching duties, but there is the possibility of gaining teaching experience upon request.

**REQUIREMENTS:**

A university degree in a relevant field.

* Full-time positions currently comprise 39 hours per week.
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. Dr. Dieter Horns (dieter.horns@uni-hamburg.de) or consult our website at https://www.physik.uni-hamburg.de/en/iexp/gruppe-horns.html. In addition 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 email until September 20th, 2020 to: dieter.horns@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.