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, Hamburger Sternwarte invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT
“CLUSTER OF EXCELLENCE QUANTUM UNIVERSE”
DATA SCIENCE IN ASTROPHYSICS
- SALARY LEVEL 13/14 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 1 May 2020 or later.

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 3 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 Cluster of Excellence “Quantum Universe” performs research to understand mass and gravity at the interface between quantum physics and cosmology. The research team includes leading scientists from mathematics, particle physics, astrophysics, and cosmology at Universität Hamburg and DESY.

This position is intended to pursue research in machine learning in astronomy and help lead research within the “Platform for Challenges in Data Science” in the Cluster of Excellence Quantum Universe. In the latter function the holder of this position is expected to collaborate with scientists from other disciplines. The Hamburger Sternwarte hosts a strong team that conducts astronomical research on many topics and provides excellent computing facilities.
REQUIREMENTS:
A university degree in a relevant subject plus a doctorate in astronomy or physics. In addition, a documented track record in research on machine learning (e.g. via publications and third-party grants). Record of cross-disciplinary collaboration.

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/male 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. Marcus Brüggen (+49 40 42838-8537 or mbrueggen@hs.uni-hamburg.de) or consult our website at www.qu.uni-hamburg.de.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by **15 March 2020** to: mbrueggen@hs.uni-hamburg.de and office@qu.uni-hamburg.de. Applicants should also arrange for three recommendation letters to be sent to the same addresses by the same deadline.

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.