



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” RADIOASTRONOMICAL FOLLOW-UP OF GRAVITATIONAL WAVE SOURCES

- SALARY LEVEL 13 TV-L -

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The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on **1 October 2019**.

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.

### 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 on the radioastronomical follow-up of gravitational wave and other transient events. In particular the candidate is expected to make use of the Low Frequency Array (LOFAR) where Hamburg is a major partner. Close collaboration with other radio astronomers and researchers within the Cluster of Excellence is expected. The Hamburger Sternwarte hosts a strong team that conducts radio astronomical research on many topics and provides excellent computing facilities.

Postdoctoral research associates will become member of the Quantum Universe research school (QRS) and through this receive offers for academic training, soft skills, and career planning. In addition, they will receive individual budgets, meant to enable them to attend confer-

ences or other educational and supporting measures. Additional travel money for project-specific duties will be made available via the hosting research groups. Postdoctoral research associates may participate in the supervision of doctoral students, teaching at the University, and in the organization of the Cluster via an early career council.

### **REQUIREMENTS:**

A university degree in a relevant field plus doctorate in astronomy and experience in radio astronomical research.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

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

For further information, please contact Prof. Dr. Marcus Brügger (+49 40 42838-8537 or [mbruggen@hs.uni-hamburg.de](mailto:mbruggen@hs.uni-hamburg.de)) or consult our website at [www.qu.uni-hamburg.de](http://www.qu.uni-hamburg.de).

Applications should include a cover letter, a tabular curriculum vitae, copies of degree certificate(s), and three letters of recommendation. Please send applications by **11 March 2019** to: [mbruggen@hs.uni-hamburg.de](mailto:mbruggen@hs.uni-hamburg.de) and [office@qu.uni-hamburg.de](mailto:office@qu.uni-hamburg.de).