



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.

Please select **The Faculty of Mathematics, Informatics and Natural Sciences, Department of Chemistry, Institute of Physical Chemistry** invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “THE VIRGO CLUSTER WITH EROSITA AND LOFAR”

HERE ON REQUEST MORE DETAILS

- 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 01.04.2020.

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 66 % of standard work 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 specific research project is related with low-frequency radio observations (from LOFAR) combined with X-ray observations (from eRosita). The student will firstly implement novel strategies for the data reduction and imaging, then they will work on the scientific exploitation. This is centered on the effect of Active Galactic Nuclei on the environment and on the galaxy interaction with the intra-cluster medium.

REQUIREMENTS:

A university degree in a relevant field. Previous research experience in either radio or X-ray astronomy. Good computer skills, especially in Python.

* Full-time positions currently comprise 39 hours per week.

The University aims to increase the number of women in research and teaching and explicitly encourages qualified 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. Francesco de Gasperin (fdg@hs.uni-hamburg.de) or consult our website at www.hs.uni-hamburg.de.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 01.02.2020 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.