

Faculty/Department: Mathematics, Informatics, Natural Sciences/Mathematics
Seminar/Institute:

Universität Hamburg invites applications for a Research Associate for the project **“Building Blocks of Physical Theories from the Geometry of Quantization and BPS states, within the DFG funded Emmy Noether group led by Dr. Murad Alim”** in accordance with Section 28 subsection 3 of the Hamburg Higher Education Act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 01 October 2017, or later.

It is remunerated at the salary level TV-L 13 and calls for 50 % of standard work hours per week*.

The fixed-term nature of this contract is based upon Section 2 of the Academic Fixed-Term Labor Contract Act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years.

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 Equality Act (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Responsibilities:

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

Specific Duties:

-Carrying out guided research within the scope of the above project to obtain a doctorate degree

-Participation and help in organization of scientific activities of the group such as seminars, block courses, workshops

Requirements:

An university degree in a relevant field. A strong background in mathematics and theoretical physics is required. The candidate will preferably have solid knowledge of representation theory, differential, complex and algebraic geometry as well as familiarity with quantum field theory and string theory.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact Murad Alim (murad.alim@uni-hamburg.de) or consult our website at <https://www.math.uni-hamburg.de/home/alim/>.

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

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application should include the names of two reference letter writers which can be contacted regarding this application. The application deadline is 15. September 2017. Please send applications to: murad.alim@uni-hamburg.de.