



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

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 Mathematics invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT

“SPECTRAL GEOMETRY, INDEX THEORY AND GEOMETRIC FLOWS ON SINGULAR SPACES”

- 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 1 October 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 three years. The position calls for 75 % 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 and project results may be used in the context of doctorate.

SPECIFIC DUTIES:

In this project, spectra of geometric operators on singular manifolds are calculated. Furthermore, the short-term existence and long-term behavior of geometric flows (e.g. the Ricci flow) in singular spaces are studied.

REQUIREMENTS:

A university degree in a relevant field. Very good knowledge in Analysis of PDE's and Differential Geometry.

* 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 Jun.-Prof. Dr. Klaus Kröncke (klaus.kroencke@uni-hamburg.de) or consult our website at <https://www.math.uni-hamburg.de/home/kroencke/>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 31 August 2020 to: klaus.kroencke@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.