Professorship (W2) for Mathematics, with a Focus on Geometry and Analysis

Institution: Faculty of Mathematics, Informatics and Natural Sciences
Salary level: W2
Commencement of duties: 1 April 2023
Application deadline: 2022-03-10

The Department of Mathematics at Universität Hamburg has excellent research and teaching activities. The professorship is located in the research area Analysis and Differential Geometry (AD). As principal investigators, researchers in this research area participate in the Cluster of Excellence Quantum Universe and prepare further research initiatives.

Responsibilities:

The successful candidate is expected to teach and conduct research in the field of the professorship and should have a recognized record of research in geometry and analysis. The successful candidate is expected to participate in the Cluster of Excellence Quantum Universe. The areas of research should meaningfully contribute to the existing research in the Department of Mathematics and Cluster of Excellence Quantum Universe and thus increase the potential for collaboration. Suitable areas of focus are, for example, mathematical relativity, geometry and analysis of moduli spaces, geometric flows, geometric convergence theory, and Kähler-Einstein and Hermite-Einstein metrics.

The successful candidate is further expected to contribute, in particular, to teaching at undergraduate level in the Department of Mathematics, courses for programs in other disciplines, and teacher training programs.

Applicants are expected to take part in the University’s core research area Particle, Astro- and Mathematical Physics.

In their application, applicants are expected to indicate to which of the University’s core research areas, emerging fields, or profile initiatives (https://www.uni-hamburg.de/en/forschung/forschungsprofil/forschungsschwerpunkte.html) their research can best be assigned. Duties include working in one or more of the core research areas, emerging fields, or profile initiatives.

The successful candidate is further expected to participate actively in the instruction of students pursuing a teacher training degree in the respective discipline.

Section 12 subsection 7 sentence 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) applies.

Requirements:

Academic qualifications and additional requirements as specified in Section 15 HmbHG.

Additional Criteria:
Applicants are expected to have international research experience as well as a successful track record in acquiring external funding and carrying out externally funded projects.

The University places particular emphasis on the quality of teaching and therefore requests that applicants provide details of their teaching experience and objectives.

Non-German-speaking post holders are expected to acquire the language skills necessary to teach in German (Level C1 of the Common European Framework of Reference for Languages) within two years of commencing employment.

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.

In accordance with Section 14 subsection 3 sentence 3 HmbHG, Universität Hamburg seeks to increase the proportion of women in teaching and research and encourages female academics to apply.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

**Tips on applying**

**Contact**

Prof. Dr. Vicente Cortés
vicente.cortes@uni-hamburg.de
+49 40 42838-5166 (secretary’s office: extension 5174)

**Location**

Bundesstraße 55
20146 Hamburg
[zu Google Maps](#)

**Reference number**

2367/W2

**Application deadline**

2022-03-10

Please submit your application with your CV, list of publications, teaching experience, successful external funding record, copies of certification and documents, three representative publications, teaching and research plans, additional evidence of skills and experience, such as presentations, posters, significant roles held in organizations, etc. where available, preferably by email in a single PDF file, to [Bewerbungen@uni-hamburg.de](mailto:Bewerbungen@uni-hamburg.de) or per post to:

An den Präsidenten
Universität Hamburg
Stellenausschreibungen
Mittelweg 177
20148 Hamburg

Due to the coronavirus pandemic, the academic search procedure is set to proceed digitally. More information is available from the chair of the search committee.

More information on [data protection](#) in selection procedures.