



Applications invited for a full-time **research position**

starting on November 1, 2017 at the new Collaborative Research Centre (CRC) 1283 "Taming uncertainty and profiting from randomness and low regularity in analysis, stochastics and their applications"
(E13 TV-L, non-permanent position)

- The successful candidate will participate in the CRC project A3 "Analysis on manifolds, metric spaces and graphs"(further information is available at <https://www.sfb1283.uni-bielefeld.de>).

Main responsibilities

- Produce novel research in the areas specified in the project A3 "Analysis on manifolds, metric spaces and graphs". The applicant will conduct a research work in the project A3 on Analysis on metric measure spaces. This involves construction of Dirichlet forms on such spaces, both local and non-local, and investigation of properties of the corresponding elliptic and parabolic problems. Special efforts should be made in order to study the notion of the walk dimension on fractal spaces (85 %)
- Participate in joint research projects and discussions in the A3 project, and contribute to events such as project-oriented workshops (5 %)
- Contribute to the main topics of discussion and research in the CRC (5 %)
- Assist in planning and organizing CRC events (5 %)

Applicant's Profile

The successful candidate is expected to have:

- Doctoral degree in Mathematics
- Ability to communicate and to work in a team
- Good knowledge of English

Remuneration

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) paragraph 2 of the WissZeitVG (fixed-term employment), the contract will end on June 30, 2021. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The position is advertised as a 100 % full-time employment. In individual cases, this percentage may be reduced on request, as long as this does not conflict with official requirements.

Bielefeld University is particularly committed to the career development of its employees. It offers attractive internal and external postgraduate training. Employees have the opportunity to use a variety of health, counselling, and prevention programs. Bielefeld University aims at a good work-family balance.

Application Procedure

Your application should be received via email (a single PDF document sent to grigor@math.uni-bielefeld.de) by the **13th of september 2017**. Please mark your application with the identification code **wiss17213**. In addition to the usual documents we request a letter of motivation. Please do not use folders and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure. Further information about Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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Bielefeld University has received a number of awards for its achievements in the provision of equal opportunities and has been recognized as a family friendly university. The University welcomes female applicants. This is particularly true with regard both to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.

Die Universität Bielefeld ist für ihre Erfolge in der Gleichstellung mehrfach ausgezeichnet und als familiengerechte Hochschule zertifiziert. Sie freut sich über Bewerbungen von Frauen. Dies gilt in besonderem Maße im wissenschaftlichen Bereich sowie in Technik, IT und Handwerk. Bewerbungen geeigneter schwerbehinderter und ihnen gleichgestellten behinderten Menschen sind ausdrücklich erwünscht.

