The Faculty of Mathematics offers a full-time research position starting as soon as possible (E13 TV-L, non-permanent position).

Main responsibilities

The position is associated with Projects A5 "Fokker-Planck-Kolmogorov equations on general state spaces" and B1 "New trends in stochastic partial differential equation: two types of transformations and a new notion of solution". Specific for the position is fractional stochastic analysis, both in space and time, as well as for the noise, and thus connecting both projects within the Collaborative Research Center 1283. This project is devoted to measure-valued solutions of linear and nonlinear Fokker-Planck-Kolmogorov equations on general, in particular infinite dimensional state spaces. A central topic is the probabilistic interpretations of the solutions to these equations. For further information see: https://www.sfb1283.uni-bielefeld.de.

The main responsibilities are:

- collaborative research related to projects A5 and B1: participation in joint research and discussions within the project A5
- cooperation in planning and organisation of scientific events, e. g. workshops, as well as joint meetings of the SFB

Applicant's Profile

The successful candidate is expected to have

- degree in mathematics or in a relevant subject area (e. g. Physics, Economics)
- topic-related PhD
- independent, responsible and committed work attitude
- cooperative and team-oriented work ethic
- proficiency in English (written and oral)

Preferable qualifications

- knowledge and experience (demonstrated by scientific publications or a thesis) in project related research areas, specifically in, in particular in fractional stochastic analysis

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 paragraph 1 sentence 2 WissZeitVG, 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 employment is designed to encourage further academic qualification. The position is advertised as a full-time job. In individual cases, this percentage may be reduced on request, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

Application Procedure

For full consideration, your application should be received via either post or email (a single PDF document sent to roeckner@math.uni-bielefeld.de by the 24th of January 2019. Please mark your application with the identification code: wiss18365. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure. Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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