The Faculty of Mathematics offers a full-time research position starting October 1, 2018 (E13 TV-L, non-permanent position)

Your Tasks
The German-Korean International Research Training Group (IRTG) 2235 “Searching for the regular in the irregular: Analysis of singular and random systems” funded by the Deutsche Forschungsgemeinschaft (DFG) offers a postdoctoral position at Bielefeld University, starting October 1, 2018. The IRTG is a joint research program established by the Faculty of Mathematics at Bielefeld University, Germany, and the Department of Mathematical Sciences at Seoul National University, South Korea. The IRTG concentrates on advanced techniques from the mathematical field of Analysis together with latest developments in neighboring fields such as Mathematical Physics, Geometry, and Probability Theory. The focus is on the mathematical analysis of problems which generically exhibit singular features or randomness. The topics include nonlinear wave equations, integro-differential equations, oscillator models, random matrices, generalized Dirichlet and magnetic energy forms as well as fractal metric spaces.

For detailed information please consult: https://irtg.math.uni-bielefeld.de/

Main responsibilities:
- research in the area of stochastic analysis, in particular potential analysis and jump processes
- giving advise to doctoral students in the IRTG, in particular with regard to the German-Korean exchange program

Your Profile
We expect
- Master degree (or an equivalent degree) in Mathematics
- doctoral degree in a relevant field of research
- knowledge of the Korean research system and the Seoul National University
- basic knowledge of the Korean language
- independent, self-directed and dedicated style of work
- teamwork and communication abilities

Remuneration
Salary will be paid according to Remuneration level 13 of the Waga Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 1 of the WissaZeiV (fixed-term employment), the contract will end after one year. In accordance with the provisions of the WissaZeiV and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employer is designed to encourage further academic qualification. The position is advertised as a fulltime 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 programs. Employees have the opportunity to use a variety of health, counselling, and prevention programs. 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 irtg.math.uni-bielefeld.de by the 21st of June 2018. Please mark your application with the identification code: wiss18124. 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.

Postal Address
Universität Bielefeld
Fakultät für Mathematik
Frau Dr. Claudia Köhler
P.O. Box: 10 01 31
33501 Bielefeld
Germany

Contact
Name: Dr. Claudia Köhler
Phone: (+49) 521 106 - 4767
Email: irtg@math.uni-bielefeld.de

Bielefeld University has received a number of awards for its achievements in the provision of equal opportunity and has been recognized as a family friendly university. The University welcomes applications from women. 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.