The Collaborative Research Centre (CRC) 1283 “Taming uncertainty and profiting from randomness and low regularity in analysis, stochastics and their applications” offers a full-time position as a research assistant starting mid-2019 (E13 TV-L, non-permanent position).

Your Tasks
The 2 year postdoctoral position is in the area of random matrix theory and its applications to physics. The successful candidate will work in the Mathematical Physics group of Prof. Dr. Gernot Akemann, within the CRC project C6 Products of coupled random matrices in field theory and statistical mechanics (for further information see https://www.sfb1283.uni-bielefeld.de).

The research project is focussing on random product matrices, bi-orthogonal ensembles and questions of universality as well as on applications to field theory and statistical mechanics. The position is funded by the German Research Council DFG as part of the Collaborative Research Centre CRC 1283, with participating Faculties of Mathematics, Physics, Technology as well as the Center for Mathematical Economics. Apart from conducting original research the position includes a small percentage of teaching and student supervision.

The Mathematical Physics group enjoys a lively research environment of seminars, visitors, workshops and summer schools. Participation in the research project and the CRC is expected, including contribution to and assistance in planning of relevant workshops.

Your Profile
We expect
- university degree
- doctoral degree in Theoretical or Mathematical Physics
- a strong background in random matrix theory and its applications

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 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 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 hannelore.litschewsky@physik.uni-bielefeld.de by December 20th, 2018. Please mark your application with the identification code: wiss18317 an. Applications should include curriculum vitae, list of publications, and a brief description of research interests. The applicant should arrange for at least two letters of recommendation, to be sent separately. 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 Physik
Frau Hannelore Litschewsky
Postfach 10 01 31
33501 Bielefeld
Germany

Contact
Prof. Dr. Gernot Akemann
(+49) 0521 106 - 6202
akemann@physik.uni-bielefeld.de
http://www2.physik.uni-bielefeld.de/akemann-contact.html

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