The successful candidate will participate in the CRC project B5 “Universality beyond determinantal point processes” (further information is available at https://www.sfb1283.uni-bielefeld.de).

Main responsibilities

• The 3 year postdoctoral position is in the area of random matrix theory. The successful applicant will work on a joint research project of Professors Gernot Akemann and Friedrich Götze, preferably on recent developments in beta-ensembles, non-Hermitian random matrices and products thereof, or related areas. The position is funded by the German Research Council DFG as part of the Collaborative Research Centre CRC 1283 “Taming uncertainty and profiting from randomness and low regularity in analysis, stochastics and their applications”, with participating Faculties of Mathematics, Physics, Technology as well as the Center for Mathematical Economics. The groups of Mathematical Physics (Akemann) and of Probability Theory and Mathematical Statistics (Götze) enjoy a lively joint programme of research seminars, workshops and summer schools.
• Participate in joint research projects and discussions in the B5 project, and contribute to events such as project-oriented workshops
• Contribute to the main topics of discussion and research in the CRC
• Assist in planning and organizing CRC events

Applicant’s Profile

The successful candidate is expected to have:

• Doctoral degree in Mathematical physics or Mathematics
• Thorough background in research fields related to the project
• 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 is for 3 years. 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 cole@math.uni-bielefeld.de) by the 15th of November 2017. Please mark your application with the identification code wiss17245. Applications should include curriculum vitae, list of publications, and a brief description of research interests. The applicants should arrange for at least two letters of recommendation, to be sent separately. 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.

Postal Address

Ms. Anita Lydia Cole
Faculty of Mathematics
Bielefeld University
Postfach 100131
D-33501 Bielefeld, Germany

Contact

Prof. Dr. Gernot Akemann
+49 521 106-6202
akemann@physik.uni-bielefeld.de
http://www2.physik.uni-bielefeld.de/akemann-contact.html

Prof Dr. Friedrich Götze
+49 521 106-4796
goetze@math.uni-bielefeld.de
https://www.math.uni-bielefeld.de/~goetze/

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 seriously handicapped persons are explicitly encouraged.