



The Faculty of Physics, Collaborative Research Center "Transregio TR 211", offers a part-time

research position

starting as soon as possible

(E13 TV-L, non-permanent position)

Your Tasks

The theory division of the physics department at Bielefeld University has an immediate opening for a doctoral position within the Collaborative Research Center CRC-TR 211 "Strong-Interaction Matter under extreme Conditions" of university groups in Bielefeld, Darmstadt and Frankfurt a. M. The position is funded by the German Research Foundation (DFG). The successful applicant is expected to contribute to a research project (B01) on the "Theory of dissipative fluid dynamics". The position is initially funded for three years.

The main tasks will be the following:

- contribute to research on the development of models for the description of the dynamics of high-energy collisions of heavy ions, in particular with the help of relativistic fluid dynamics (75 %)
- participate in the joint research work performed in collaboration with groups in Darmstadt and Frankfurt (15 %)
- contribute to the combined research of the whole CRC, including attendance and preparation of common activities as e. g. the yearly "retreat" or the "topical workshops" (5 %)
- participate in the organization of the academic life in the Physics department (5 %)

We are looking for scientists who are motivated to actively contribute to the goals of the Collaborative Research Center in cooperation with its members in Bielefeld as well as the two other nodes in Darmstadt and Frankfurt.

Your Profile

We expect

- a degree (master or equivalent) in physics
- documented knowledge in hydrodynamics and heavy-ion physics
- good knowledge of English
- team work and cooperative abilities
- independent, self-directed and dedicated style of work
- organization and coordination skills
- expertise in presentation and moderation
- general interest in the research spectrum of the CRC (<https://th.physik.uni-frankfurt.de/~strongmatter/>)

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) sentence 1 of the WissZeitVG (fixed-term employment), the contract will end after three 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 employment is designed to encourage further academic qualification. The position is advertised as a 65 % part-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 gudrun@physik.uni-bielefeld.de by the **15th of March 2018**. Please mark your application with the identification code: **wiss18028**. 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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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.

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.

