



The Faculty of Physics, Collaborative Research Centre „CRC-TR211“, offers two full-time

## research positions in Theoretical Physics

starting as soon as possible

(E13 TV-L, non-permanent positions)

### Your Tasks

The theory division of the physics department at Bielefeld University has immediate openings for two positions within the Collaborative Research Center CRC-TR 211 “Matter under extreme Conditions” of University groups in Bielefeld, Darmstadt and Frankfurt a. M. Successful applicants are expected to contribute to Lattice QCD calculations in research projects on QCD at high temperature and/or density. Appointments are initially for 2 years.

Successful candidates are expected to:

- contribute to research on QCD at high temperatures and/or density by means of numerical simulation of the lattice regularized theory and contribute to the program development for new compute architectures (ca. 90 %)
- contribute to combined research of the whole CRC, including attendance and preparation of common activities as e.g. the yearly „retreat“ or the „topical workshops“ (ca. 5%)
- participate in the organization of the academic life in the Physics department (ca. 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 a. M.

### Your Profile

#### We expect

- university degree (Master or equivalent), preferably in physics or informatics
- experience in numerical work
- team work and communication capabilities
- expertise in presentation and moderation
- good knowledge of English
- general interest in the research spectrum of the CRC, in particular in relativistic heavy ion physics

#### Preferable qualifications

- knowledge in particle or nuclear physics
- experience in programming GPUs and/or Xeon Phi architectures
- PhD

### 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) of the WissZeitVG (fixed-term employment), the contract will end after two 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. In principle, these full-time positions may be changed into part-time positions, 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](mailto:gudrun@physik.uni-bielefeld.de) by the **15<sup>th</sup> of June 2018**. Please mark your application with the identification code: **wiss18122**. 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](http://www.uni-bielefeld.de).

#### Postal Address

Universität Bielefeld  
-Der Kanzler-  
Fakultät für Physik  
Frau Gudrun Eickmeyer  
P.O. Box: 10 01 31  
33501 Bielefeld  
Germany

#### Contact

Name: Gudrun Eickmeyer  
Phone: (+49) 521 106-6224  
Email: [gudrun@physik.uni-bielefeld.de](mailto:gudrun@physik.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.

*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.*

