The Faculty of Physics, Collaborative Research Center CRC-TR211, offers two full-time research positions in Theoretical Physics (Postdoc) starting as soon as possible (E13 TV-L, non-permanent position)

Your Tasks

The theory division of the physics department at Bielefeld University has immediate openings for two postdoc 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 two 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.

Your Profile

We expect

- university degree (Master or equivalent) in physics or informatics
- experience in numerical work
- general interest in the research spectrum of the CRC, in particular in relativistic heavy ion physics
- team work and communication capabilities
- committed and motivated way of working
- strong presentation and moderation competence
- good knowledge of English (oral and written)

Preferable qualifications

- at least good PhD in a relevant field
- knowledge in particle or nuclear physics
- experience in programming GPUs and/or Xeon Phi architectures

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 (see postal address below) or email (a single PDF document sent to gudrun@physik.uni-bielefeld.de) by the 11th of December 2019. Please mark your application with the identification code: wiss19282. 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. Please note that the possibility of privacy breaches and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Information on the processing of personal data is available at https://www.uni-bielefeld.de/Universitaet/Aktuelles/Stellenausschreibungen2019_Dir-Hinweise_englisch.pdf.

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