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), preferably in physics or informatics
- at least good PHD in a relevant field
- 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
- strong presentation and moderation competence
- good knowledge of English (oral and written)

Preferable qualifications
- 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) sentences 2 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 position may be changed into a part-time position, 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 and two recommendation letters should be received via either post or e-mail (a single PDF) document sent to gudrun@physik.uni-bielefeld.de by the 30th of April 2019. Please mark your application with the identification code wiss19069. 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 as an equal-opportunity employer 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 as well as the skilled crafts and trades. Applications are handled according to the provisions of the state statutes on equal opportunity. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.