The Faculty of Physics offers a full-time research position starting as soon as possible (E13 TV-L, non-permanent position)

Your Tasks
The division of Theoretical Physics at Bielefeld University has an immediate opening for a postdoctoral position, initially funded for a period of two years, as a part of the Collaborative Research Center CRC-TR 211 “Strong-Interaction Matter under extreme Conditions” of university groups in Bielefeld, Darmstadt and Frankfurt a. M. The successful candidate is expected to perform research in the group of Jun.-Prof. Dr. Sören Schlichting, on projects in Non-equilibrium QCD in heavy-ion collisions.

We are seeking candidates to:

- perform research on non-equilibrium processes in heavy-ion collisions (early-time dynamics; jets) based on real-time simulations of quantum fields and QCD kinetic descriptions; contribute to software development for QCD kinetic simulations (~ 90 %)
- participate in joint research projects and discussions within the Collaborative Research Center “Strong-Interaction Matter under extreme Conditions” (Bielefeld, Darmstadt and Frankfurt a. M.) (~ 5 %)
- participate in the organization of the academic life in the Physics department (~ 5 %)

We are looking for motivated scientists who, in collaboration within its other members, will actively contribute to the scientific progress of the research group.

Your Profile
We expect

- a degree (M. Sc. or equivalent) in Physics
- completed PhD thesis in a related research area
- documented knowledge in QCD and/or Heavy-Ion Physics
- experience in application of numerical methods and programming experiences (C/C++)
- a high level of commitment, engagement and self-initiative
- collaborative and team work abilities
- good knowledge of English (oral and written)
- general interest in the research spectrum of the CRC

Preferable qualifications

- relevant publications

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 WissZeitV (fixed-term employment), the contract will end after two years. In accordance with the provisions of the WissZeitV 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 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 7th of August 2019. Please mark your application with the identification code: wiss19148. 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 http://www.uni-bielefeld.de/Universitaet/Aktuelles/Stellenausschreibungen/2018_DG-Hinweise.pdf.

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