The Faculty of Physics offers a part-time research position starting October 1st, 2018 (E13 TV-L) (non-permanent position)

Your Tasks

The division of Theoretical Physics at Bielefeld University has an opening for two doctoral positions, initially funded for a period of three years, starting October 1st, 2018. The successful candidates are expected to perform research in the newly established research group of Jun.-Prof. Dr. Sören Schlichting, on the development of methods in non-equilibrium QCD and their application to high-energy heavy-ion collisions at RHIC and LHC. This research is integrated into the projects of the Collaborative Research Center CRC-TR 211 “Strong-Interaction Matter under extreme Conditions” of university groups in Bielefeld, Darmstadt and Frankfurt a. M.

We are seeking candidates to:

- contribute to research on the description of non-equilibrium processes in heavy-ion collisions based on real-time simulation of quantum fields and/or effective kinetic descriptions (approx. 80 %)
- participate in joint research projects and discussions within the Collaborative Research Center “Strong-Interaction Matter under extreme Conditions” (Bielefeld, Darmstadt and Frankfurt a. M.) (approx. 15 %)
- participate in the organization of the academic life in the Physics department (approx. 5 %)

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

Your Profile

We expect

- degree (M. Sc. or equivalent) in Physics
- good knowledge of English in written and spoken form
- collaborative and team work abilities
- independent, self-directed and dedicated style of work
- strong organization and coordination skills
- presentation and moderation skills
- general interest in the research spectrum of the CRC

Preferable qualifications

- documented knowledge in QCD and Heavy-Ion Physics
- experience in application of numerical methods and programming experience (C/C++)

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 positions are advertised as 65 % part-time jobs. 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 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 3rd of August 2018. Please mark your application with the identification code: wiss18188. 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.

www.uni-bielefeld.de