The Collaborative Research Center, CRC-TR211, has an immediate opening for

research positions in Theoretical Physics

(E13 TV-L) (non-permanent position)

Your Tasks

Within the newly approved Collaborative Research Center SFB-TR 211 "Strong interaction matter under extreme conditions" (Bielefeld, Darmstadt und Frankfurt a.M.) funded by the DFG (Deutsche Forschungsgemeinschaft) the theory division of the physics department at Bielefeld University has two immediate openings in the research project "Hadronic excitations in the medium": one opening is for a postdoc position for the period of 2 years initially, the second for a doctoral position for a funding period of 3 years.

We are seeking candidates to:

 contribute to research on QCD at high temperatures and non-vanishing densities by means of numerical simulations of the lattice regularized theory, in particular to compute and analyze hadronic correlators (ca. 75 %)
 participate in the joint research work together with the groups in Darmstadt and Frankfurt within the project (ca. 15%)
 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 Collaborative Research Center in cooperation with its members in Bielefeld as well as the two other nodes of Darmstadt and Frankfurt.

Your Profile

We expect
 a degree (master or equivalent) in physics
 PhD with a thesis subject close to the research fields of the CRC-TR (postdoc position)
 very good knowledge in particle or nuclear physics
 interest in numerical work
 general interest in the research spectrum of the CRC, in particular in relativistic heavy ion physics
 team work and communication capabilities

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Our Offer

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) paragraph 1 of the WissZeitVG (fixed-term employment), the contract will be initially for two years (postdoc position) or three years (doctoral position). 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 postdoc position is advertised as a full-time job, the doctoral position as a 65% part-time job. 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 and three recommendation letters should be send via either post or email to gudrun@physik.uni-bielefeld.de by the 1st of September 2017. Please mark your application with the identification code: wiss17139. 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 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.