The Faculty of Physics, Collaborative Research Centre „Transregio CRC-TR 211“, offers a full-time research position (postdoc) starting as soon as possible (E13 TV-L, non-permanent position)

Your Tasks
Bielefeld University has an immediate opening for a 3-year postdoctoral position within the Collaborative Research Center CRC-TR 211 "Strong-Interaction Matter under extreme Conditions" of the universities Bielefeld, Darmstadt and Frankfurt a. M. The CRC-TR 211 is funded by the German Research Foundation (DFG). The successful applicant is expected to contribute to the research project "Strong-interaction matter in the early Universe" led by Prof. D. Bödeker and Prof. D.J. Schwarz in Bielefeld and Prof. J. Schaffner-Bielich in Frankfurt a. M.

The main tasks will be the following:

• contribute to the research on the role of strong interactions in the early universe (impact of quark-hadron transition, dark matter abundance, stochastic gravitational waves, etc.)
• research in particle physics and cosmology
• contribute to the combined research of the whole CRC, including attendance and preparation of common activities as e. g. the yearly retreat or the topical workshops
• supervision of bachelor’s and master’s thesis projects

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

• Master's (or equivalent) in physics or another relevant discipline
• doctoral degree in a relevant field of research
• relevant qualification in particle physics and cosmology, documented by scientific publications
• expertise in presentation, documented by scientific talk at international workshops and conferences
• very good knowledge of English
• team work and communication abilities
• independent, self-directed and dedicated style of work
• organization and coordination skills
• interest in strong-interaction matter in the context of cosmology

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 2 of the WissZeitVG, the contract will end after three years. In accordance with section 2 (1) sentence 2 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, the full-time position may be changed into part-time position, as long as this does not conflict with official requirements.

Bielefeld University is particularly committed to the career development and equal opportunities of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counseling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

Application
For full consideration, your application should be received preferably via email (a single PDF document) sent to gudrun@physik.uni-bielefeld.de by the 20th of April 2018. Please mark your application with the identification code wiss18066. The application should contain your curriculum vitae, list of publication, statement of research interests and copies of your academic certificates. Please name three referees (name and email address). 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 about 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.