



Max-Planck-Institut für Kernphysik

Max Planck Institute for Nuclear Physics



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The division of non-thermal astrophysics at the **Max Planck Institut für Kernphysik at Heidelberg, (Germany)** invites applications for a

Postdoctoral Researcher

to join the LHCb group at MPIK.

Being a member of the LHCb experiment at CERN, the group focuses on the study of QCD processes in the forward region in proton-proton, proton-ion and ion-ion collisions at the highest energies. The new group member is expected to play a leading role in the LHCb physics analysis in this field, to contribute to the running of the experiment, to present the results at conferences and to supervise students in the group. Regular travel to the experiment at CERN will be required.

Your Profile:

Prerequisites are a PhD in experimental particle physics, good knowledge in computing, statistics, data analysis and software design methods as well as the ability to handle complex software frameworks and large data volumes. The ideal candidate should have a background in QCD, be familiar with Monte Carlo simulations for high energy physics experiments, have experience in using the worldwide LHC computing Grid, and be accustomed to working within large international collaborations. Hardware experience, though not mandatory, would be appreciated.

The position is to be filled at the earliest convenience.

The contract period is for 2 years with the possibility of extension. The salary will be paid according to the collective agreement for civil service employees (TVöD) and includes additional retirement benefits (VBL).

The Max Planck Society is an equal opportunity employer and is committed to increasing the participation of women in its research activities and to employing more disabled individuals and especially encourages them to apply.

For further information please contact
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Please apply exclusively **ONLINE** no later than **14th July 2015**. Required documents: a cover letter explaining the interest in the advertised position (reference # **08-2015**), CV, list of publications highlighting personal contributions, copy of PhD diploma, names and contact details of at least two referees.



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