



Institute of High Energy Physics

Chinese Academy of Sciences

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The Institute of High Energy Physics (IHEP) of the Chinese Academy of Sciences in Beijing invites applications for postdoctoral fellowship positions in collider physics at ATLAS and/or CEPC. IHEP is a national lab and the premier high-energy physics center in China. IHEP participates in the ATLAS and CMS experiments at the Large Hadron Collider and leads the Circular Electron Positron Collider (CEPC) project (<http://cepc.ihep.ac.cn/>). The institute hosts a Tier-2 Grid site and provides excellent computing resources and support to researchers.

The postdoc fellows are expected to play important roles in one or more aspects in the areas of ATLAS physics analysis, ATLAS Pixel detector operations, and ATLAS Inner Detector Phase II upgrade, and/or research and development for the CEPC Pixel detector. IHEP has leading responsibilities in the ATLAS Pixel detector DAQ operations and offline software. In addition, IHEP will be responsible for the construction of ITK strip barrel modules and a CMOS Pixel detector prototype for the CEPC. Physics analysis interests are broad and include, but are not limited to, Standard Model and Higgs physics and associated searches for new physics. Actual activities will be discussed with candidates, taking into account their experience and desires, together with the IHEP group goals. We are especially interested in candidates willing to collaborate with other group member and with a strong desire to mentor graduate students.

Candidates are required to have a PhD degree in particle physics by the time of the appointment. The successful applicants can be based full time or partially at CERN, depending on the final project plans. Knowledge of Chinese language is not required.

Initial appointment will be for two years, with possible renewal. The annual salary will be commensurate with the candidate's experience and competitive internationally. Outstanding candidates will be recommended to apply for the "Chung-Yao Chao Fellowship" in 2018 which provides additional 80k RMB (12.8 k USD) per year for each successful candidate.

Informal enquiries about this position can be made to Prof. Joao Guimaraes da Costa. The candidate should submit a curriculum vitae, a statement of research interests, a list of publications, and arrange to have at least three letters of recommendation sent by email to Prof. Joao Guimaraes da Costa (guimaraes@ihep.ac.cn) and Ms. Zhaoru Zhang (zhangzr@ihep.ac.cn).

The applications review will begin immediately after the reception of the required materials. Applications received by January 19, 2018 will receive full consideration but the positions will remain open until they are filled.