



Institute of High Energy Physics

Chinese Academy of Sciences

Address: 19-2 Yuquan Road, Shijingshan District, Beijing 100049, China

The Institute of High Energy Physics (IHEP) of the Chinese Academy of Sciences in Beijing invites applications for a **postdoc fellowship** position in collider physics at the **ATLAS Collaboration**. IHEP is a national lab and the premier high-energy physics center in China. IHEP participates in the ATLAS, CMS and LHCb 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 postdoctoral fellow is expected to play an important role in ATLAS Physics Analysis, and on one or two detector activities on-going within the group: ATLAS Pixel detector offline studies and operation, ATLAS High Granularity Timing Detector (HGTD), and ATLAS Inner Detector Phase II upgrade. IHEP has leading responsibilities in the ATLAS Pixel detector DAQ operations and offline software, and on the HGTD design and construction. In addition, IHEP will be responsible for the construction of ITK strip barrel modules in China and RAL, UK. Physics analysis interests are broad but are currently focused on the W mass measurement, and searches for new physics associated with the Higgs boson. Actual activities will be discussed with candidates, taking into account their interests and 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 2020 which provides additional 80k RMB (12.8 k USD) per year for each successful candidate.

Informal enquiries 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. João Guimarães da Costa** (guimaraes@ihep.ac.cn) and **Dr. Zhaoru Zhang** (zhangzr@ihep.ac.cn). Please include "ATLAS Postdoc Fellowship:" in the email subject.

The applications review will begin immediately after the reception of the required materials. Applications received by **July 31, 2019** will receive full consideration but the position will remain open until it is filled.

