Experimental High Energy Physics  

Field of Interest: hep-ex  
Experiment: CERN-LHC-CMS, AMS  
Deadline: 2014-06-30  
Region: Asia

Job description:  
Recruitment of high-level talents with "Hundred Talents" (or "overseas outstanding talents") program of Chinese Academy of Sciences

The Institute of High Energy Physics (IHEP), Chinese Academy of Sciences, Beijing, invites applications for the faculty positions working on the CMS experiment at the Large Hadron Collider and the AMS experiment at CERN.

The IHEP CMS group has contributed significantly to the endcap muon system, and now involves in the phase 2 upgrades, e.g. forward ECAL upgrade and L1 trigger upgrade projects. The group also works on data analyses on Higgs, top and B-physics related topics.

The IHEP AMS group has contributed significantly to AMS magnet system. The group's physics analyses focus on topics of electron and positron fluxes, proton and helium fluxes, Boron-to-Carbon ratio, anisotropies of cosmic-ray, photon measurement, or anti-proton ratio and spectrum.

The successful candidates are expected to play leading roles in one of the following research areas:
1. Operation, detector upgrade and data analysis with the CMS experiment at the Large Hadron Collider.
2. Operation and data analysis with the AMS experiment at CERN.

Qualifications
1. Under the age of 40, the age limit can be extended to 45 for extraordinarily excellent applicant;
2. Four consecutive years' experience in overseas scientific researches after receiving a Ph.D.;
3. Reach the academic level of a Research Fellow;
4. Having published significant articles on core publications, or mastered key technologies, or owned major invention patents etc.

The appointment will be initially for a period of 3 years. Both positions will be based at Beijing with possibility stay at CERN when needed. For the successful candidates, the competitive startup package will include personal allowance and research funding. Please refer to IHEP Recruitment of Overseas High-level Talents for details:
http://english.ihep.cas.cn/ju/201303/W020130326502657080582.pdf
How to apply
Interested candidates are requested to submit their application, including a curriculum vitae, a brief description of research experience and interests, a list of publications and three letters of recommendation to the following contacts. The first round deadline for the application is before 30th June 2014, and the positions are open until filled.

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