

## Position Profile for Chinese Applicants running for 2019 Helmholtz – OCPC – Program

### **PART A (Info about the Position)**

**Helmholtz Centre and institute:** DESY

**Title of the project:** ATLAS Data Analysis

**Project leader:** Dr. Krisztian Peters

**Web-address:** <http://atlas.desy.de/>

**Description of the project** (max. half page):

The ATLAS group at DESY is member of the ATLAS experiment at the LHC at CERN. The group is involved in the data analysis in several areas, including Standard Model analysis, the Higgs boson, the Top quark and Searches Beyond the Standard Model of Particle Physics.

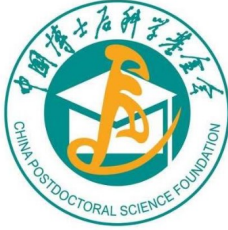
The successful candidate will be expected to join one of the research teams and contribute to the analysis of the ATLAS data. In addition, he or she will be expected to contribute to the operation of the ATLAS detector (SCT) or contribute to performance studies (luminosity measurement, Photon identification, b-tagging, etc.). Another field he or she could contribute to is the developments for future upgrades, such as the Fast Tracker (FTK) trigger and the ATLAS silicon strip tracker for the High Luminosity LHC.

### **Required qualification of the post-doc:**

- PhD in experimental particle physics
- Experience with particle physics data analysis
- Additional skills in computing

### **PART B (Materials and Procedures)**

The applicants shall submit the following documents to a Chinese postdoc station affiliated to a research institution or a university, after passing through the internal selection, the qualified application shall be forwarded to OCPC, and then to Helmholtz for evaluation:



- Detailed description of the interest in joining the project (motivation letter)
- Curriculum vitae, copies of degrees
- List of publications
- 2 letters of recommendation
- Proof of command of English language

**PART C (General Conditions)****Additional requirements on the postdoctoral fellows:**

- Chinese citizenship from Mainland China (allows application while staying abroad)
- Max. age of 35 years, PhD degree not more than 5 years by submission of application
- Very good command of English language
- Strong ability to work independently and in a team