

# **ALICE Postdoctoral Positions at Institute of Particle Physics (IOPP)**

**Central China Normal University (CCNU), Wuhan, China**

The ALICE group of Central China Normal University (CCNU) invites applications for two postdoctoral positions to work in the ALICE experiment at the LHC. The ALICE-CCNU group plays an important role in the scientific research on photons, jets, heavy flavors and high multiplicity states, and provided significant contribution on the development of the ALICE calorimeters (PHOS, DCAL/EMCAL) and their readouts concerning design, installation, calibration and commissioning. We are involved in the ITS upgrade effort towards ALICE phase II data taking.

**Applications received by 31<sup>th</sup> of July 2016 will be fully considered. Later applications might be considered as well** (until all positions are filled).

The successful candidate is expected to play a major role in the ALICE data analysis with the focus on one of the following topics: jets, photons and heavy flavors. The candidate is expected to contribute a fraction of time on the software or hardware work on ALICE ITS upgrade program. A PhD in experimental high-energy physics or former post-doctoral experience in experimental high-energy physics is required. The applicants must have the following qualifications:

- Ph.D. degree in nuclear physics or particle physics
- Fluent English
- Good skills on C++ programming
- Background in high-energy heavy ion or particle physics experiments with at least one publication in a peer reviewed journal.

These positions are initially for two years with possibility to extend to four years, subject to the funding availability and the performance review. The gross annual salary will be approximately **120,000-150, 000 RMB**, depending on the work experience and research performance. The position is to be located at Wuhan (China), with possible travelling to CERN for ALICE-related activities.

Interested applicants should send their applications (including a curriculum vitae, a brief description of the research interests, a list of representative publications, and at least three reference letters) to contact person: Prof. Dr. Daicui Zhou ([dczhou@mail.ccnu.edu.cn](mailto:dczhou@mail.ccnu.edu.cn)).

CCNU hosts the Key Laboratory of Quark & Lepton Physics of the Ministry of Education of China (QLPL, <http://qlpl.ccnu.edu.cn/>), International Center for Quark Matter & Detection Technology and the Center of Nuclear Matter Science (CNMS, <http://cnms.ccnu.edu.cn/>), which carries out experimental and theoretical research in high-energy nuclear physics and particle physics since 1980. For more information about QLPL, IOPP and CNMS, please consult the corresponding webpages.