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**POSTDOCTORAL POSITION**  
**IN THE EXPERIMENTAL NUCLEAR PHYSICS GROUP**  
**AT INHA UNIVERSITY**

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The experimental nuclear physics group of Inha University, South Korea, is inviting candidates for a postdoctoral position in experimental heavy-ion physics on the ALICE.

❖ Introduction of the experimental nuclear physics group of Inha University

The research interest of our group has been focused on studying the properties of the medium created from heavy-ion collisions using rare probes, especially on the measurements of heavy quark production to understand the colour charge and the mass dependence of the energy loss in the medium. We are playing an important role on this topic in the ALICE collaboration based on accumulated expertise.

Our group is also involved in ALICE ITS upgrade project. We are building ITS chip test bench locally and performing research to characterize pixel chip prototypes.

Furthermore, we are extending contribution on the development of the assembly and test procedure of the pixel ladders. We have collaborated on ITS upgrade project over the years with the Pusan National University and the Yonsei University, both members of the Korea-ALICE. Therefore the effort on this detector project is carried out in a collaborative way within a larger team in Korea and furthermore with various institutes in ALICE.

Article introducing the experimental nuclear physics group of Inha University is found at: <http://alicematters.web.cern.ch/?q=ImhaUniversity>

❖ Position description

Minimum qualifications: Applicants are required to have earned a Ph.D. or the have completed all requirements for a Ph.D at the start of employment.

The successful candidate is expected to carry out research with a focus on physics analysis in ALICE and ALICE ITS upgrade work. Candidates willing to dedicate at least a fraction to their time to the ALICE ITS upgrade project are particularly encouraged to apply. The selected candidate may be in residence at South Korea, and, optionally, partially at CERN. Appointments are for one year with the possibility of renewal up to two years. The position will start in Spring of 2015.

❖ Introductions to applicants

Interested applicants are requested to send a Curriculum Vitae, an application letter and arrange to have 2 letters of recommendation to be sent to MinJung Kweon (mailto: [minjung@inha.ac.kr](mailto:minjung@inha.ac.kr)). The deadline for application is on February 28, 2015. For any inquiries, please contact MinJung Kweon.