



March 12, 2024

## **Postdoctoral research associate position in Experimental High-Energy Nuclear Physics (ALICE)**

The Korean ALICE experiment group (KoALICE) invites applications for two postdoctoral positions to conduct research in experimental relativistic heavy-ion physics with the ALICE experiment.

### **Job description**

The KoALICE group consists of 8 universities, Chungbuk National University, Gangneung-Wonju National University, Inha University, Jeonbuk National University, Pusan National University, Sejong University, Sungkyunkwan University, and Yonsei University. The group comprises 11 faculty members and over 40 students and postdocs. The group is actively involved in a variety of analyses and upgrade projects, and the successful applicants will be expected to work on one or more of the following research topics:

- High- $p_T$  photon and jet physics with Run 3 data
- Light-flavour resonance with Run 3 data
- Heavy-flavour physics with Run 3 data
- ITS3 upgrade and ALICE 3 upgrade

Depending on the research plan, the applicants will work primarily with one of the faculties in the group with being employed by the corresponding university. The duration of the contract is 2 years with a possible extension for 2 more years. The position can start immediately, but no later than August 2024. The successful candidate will preferably be stationed in South Korea, and possibly at CERN for half of the duration.

### **Who can apply**

Applicants are expected to have:

- Recent Ph.D. in Nuclear/High-energy physics or a related discipline within the last 3 years upon employment
- Experience with data analysis or detector-related hardware projects
- English proficiency in written and verbal dissemination of scientific results
- Ability to work independently and in collaboration in research environment

### **Application**

Required application materials include an up-to-date curriculum vitae, 1-page description of research experience and interests, list of publications, relevant certificates and diplomas and transcripts of academic records, and three letters of recommendation. If you intend to apply for the position or have questions, please contact Prof. Saehanseul Oh (saehanseul.oh@sejong.ac.kr) first. For full consideration, the above materials except recommendation letters should be submitted by March 31<sup>st</sup>, and recommendation letters should arrive by April 7<sup>th</sup>. The review of applications will begin immediately and will continue until the positions are occupied or until August 31st.