



KoALICE

June 26, 2026

Postdoctoral Research Associate Position in Experimental High-Energy Nuclear Physics (ALICE)

The Korean ALICE experiment group (KoALICE) invites applications for one postdoctoral research associate position to conduct research in experimental relativistic heavy-ion physics with the ALICE experiment at CERN.

Job description

The KoALICE group consists of researchers from seven Korean universities: Chungbuk National University, Inha University, Jeonbuk National University, Pusan National University, Sejong University, Sungkyunkwan University, and Yonsei University. The group comprises 10 faculty members and more than 40 graduate students and postdoctoral researchers.

KoALICE is actively involved in a broad range of physics analyses and detector-upgrade projects. The successful candidate will be expected to contribute to one or more of the following research areas:

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

Depending on the candidate's research interests and the needs of the collaboration, the successful candidate will work primarily with a faculty member and research group from one of the participating KoALICE institutions. The appointment will begin on **September 1, 2026**, or as soon as possible thereafter. The initial contract period is two years, with the possibility of extension for up to an additional two years, subject to performance and funding availability. The successful candidate will be stationed at CERN and will actively participate in on-site ALICE physics analyses, detector-upgrade activities, and collaboration meetings.

Qualifications

Applicants are expected to have:

- A recent Ph.D. in nuclear physics, high-energy physics, or a related field, obtained within the past seven years at the time of employment
- Experience in experimental data analysis and/or detector-related hardware development
- Proficiency in written and spoken English, including the ability to communicate scientific results effectively
- Demonstrated ability to work both independently and collaboratively in an international research environment

Application

Applicants should submit the following materials:

- Curriculum vitae
- A one-page statement of research experience and interests
- List of publications
- Copies of degree certificates, diplomas, and academic transcripts
- Two letters of recommendation

Applicants intending to apply, or wishing to make an inquiry, are encouraged to contact Prof. Beomkyu Kim at Sungkyunkwan University (kimbyumkyu@skku.edu).

For full consideration, application materials should be submitted by July 17, 2026. Letters of recommendation should arrive by July 24, 2026. Review of applications will begin immediately thereafter and will continue until the position is filled.