

APR20-2020-000284

Abstract for an Invited Paper
for the APR20 Meeting of
the American Physical Society

Prospect of Accelerator-based Nuclear and High Energy Physics Programs in Asia

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There are several accelerator institutes in Asia offering large experimental facilities to the international researcher community in nuclear and high-energy physics. Ongoing projects include HIFA at IMP, China, BEPCII/BESIII at IHEP, China, RIBF at RIKEN, Japan, and J-PARC and SuperKEKB/Belle II at KEK, Japan. A new Radio Isotope Science Project (RISP) is under construction at RAON in Korea. Furthermore, two energy frontier electron-positron collider projects are being pursued. The International Linear Collider (ILC) is a next-generation experimental facility proposed and designed by the international community of high energy physics, and the baseline of the initial phase of the project has become 250GeV ILC as a Higgs factory since 2017. An intensive Effort is being made to realize the ILC hosted in Japan. The Circular Electron Positron Collider (CEPC), another candidate of a Higgs factory, is planned in China, and its CDR was released in November 2018. Operation, construction and planning of these projects show a rapid development of accelerator science and technology in Asia. I will cover current status and future prospect of large accelerator-based experimental facilities in the Asian region and its impacts on scientific research in nuclear and particle physics worldwide.