

Nuclei in the Cosmos (NIC XVII)



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Astrophysics program at Yemilab

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IBS has recently constructed a new underground laboratory, Yemilab, in Korea. It is 1000 meters underground and spacious with more than 3000 m² experimental area. The Center for Underground Physics has developed programs for weakly interacting dark matter searches with scintillators and low-temperature detectors. We also have plans to search the rare nuclear decays, such as neutrinoless double beta decays, 180mTa decays, etc. I will describe the current status of the research and address a few issues related to nuclear physics.

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