

Status of COSINE-100 experiment

Monday, 2 July 2018 12:00 (30 minutes)

The COSINE-100 experiment searches for dark-matter interactions using an array of scintillating NaI(Tl) crystals that serve both as a WIMP-interaction target and detector in the low-background environment of the Yangyang underground laboratory. The main goal is to check the annual modulation signal observed by DAMA/LIBRA in an NaI(Tl) crystal array. The experiment has been running for more than 1.5 years stably. Several analyses in addition to the annual modulation analysis are actively ongoing. Here, the performance of the detector and recent results will be presented.

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