



LNGS SEMINARS

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Dark matter search with COSINE-100 experiment

Abstract

The COSINE-100 experiment searches for dark-matter interactions using an array of scintillating NaI(Tl) crystals that serve as a WIMP-interaction target 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 the NaI(Tl) crystal array. The experiment has been running for more than 2 years stably. Several analyses in addition to the annual modulation are actively ongoing. Here, the performance of the detector, recent results, and future prospects will be presented.

November 28, 2018 - h 2:30 pm
LNGS - "B. Pontecorvo" room
<http://agenda.infn.it/event/lee>