

## Performance and Results of the COSINE-100 Experiment

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COSINE-100 is a NaI(Tl) dark matter direct detection experiment, with the goal of testing DAMA's claim of dark matter detection by looking for an annual modulation signal. It consists of eight NaI(Tl) crystals, adding to a total of 106 kg, and 2000 liters of a liquid scintillator veto. Located at the Yangyang Underground Laboratory, South Korea, COSINE-100 has been running since September 2016. We observe a background rate of  $\sim 3$  counts/kg/keV/day between 2 and 6 keV and have performed several analyses based on the current energy threshold of 2 keV. I will present on the detector performance and recent results.

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