



# 30th International Cosmic Ray Conference

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## Search for point sources of gamma rays using GRAPES-3 experiment

The GRAPES-3 experiment observes extensive air showers using a high-density array of scintillators and a large area tracking muon detector. The array consists of 300 scintillation detectors (each  $1\text{m}^2$  in area) and 16 modules of muon detectors having a total area of  $560\text{m}^2$ . We have developed a new method of detector time offset correction to improve the angular resolution of the array by using shower data. We have been able to determine the angular resolution of the array using the shadow of Sun and Moon by using this method. The showers due to charged cosmic rays are identified by measuring their muon content using large area muon detector. Here we report on the status of the search for gamma rays from the 'standard candle' CRAB nebula using the GRAPES-3 data.

collaboration :  
GRAPES-3

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