

distribution of cosmic rays

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for INFN-Bari group









- -2 plastic scintillator tiles
- -2 Ixl mm² Silicon
  Photomultipliers (SiPMs)
- -2 3x3 mm<sup>2</sup> SiPMs
- -electronic board
- -raspberry pi
- -mechanical structure

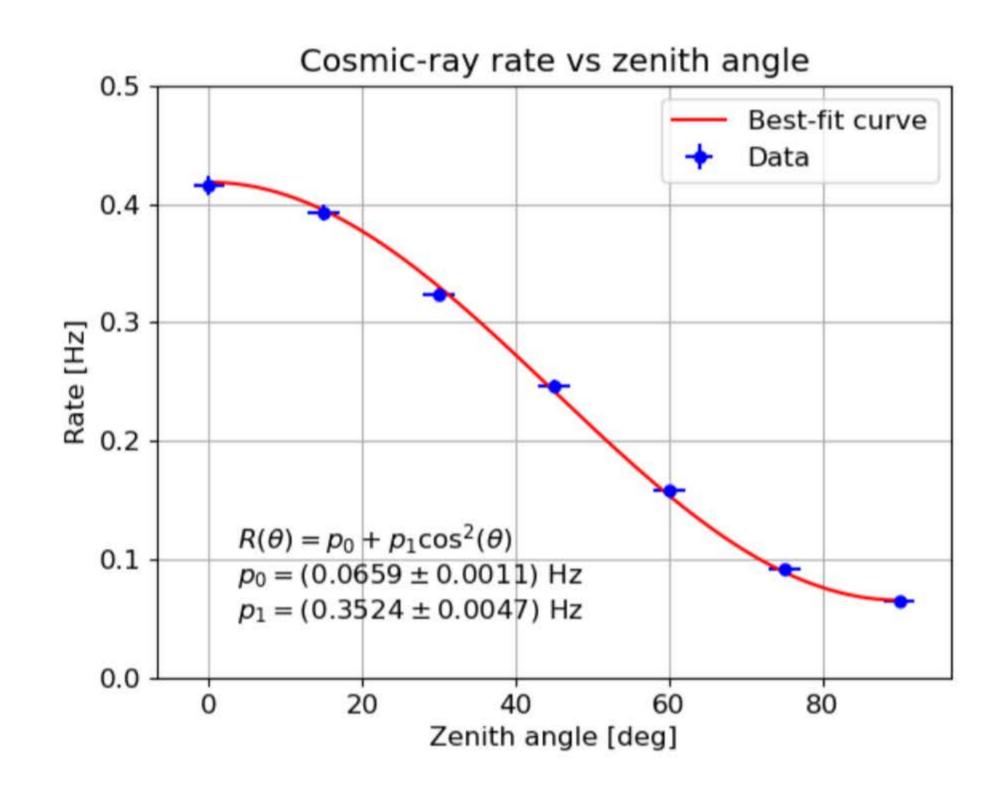


## Data Analysis

Rates were computed as number of detected cosmic rays divided by the acquisition time

The data were fitted with the following function:

$$R(\theta) = R(\theta; p_0, p_1) = p_0 + p_1 \times \cos^2(\theta)$$





## THANKS FOR YOUR ATTENTION!