

Some aspects of characterization of GEM detector

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We have studied the variation of the gain of a triple GEM detector as a function of the relative humidity. The temperature/pressure (T/p) corrected normalized gain has been found to decrease with decrease in relative humidity. The uniformity of gain over the entire surface of the detector has also been studied measuring the anode current. The details of the measurement process and the experimental results will be presented.

Presentation type

Oral

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