

RPC carpet installing in YBJ observatory

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Abstract. The ARGO-YBJ Detector consists of a full coverage detector of dimension $\sim 71 \times 74 \text{ m}^2$ and a guard ring realized with a single larger of RPCs, have been started installation in a 10^4 m^2 hall of Yang Bajing Laboratory (4300m a.s.l., 606 g/cm^2) since last November. As the pre-condition for this installation and protecting facilities for the detector,

the construction of RPC hall, the structure of the basic element of RPC detector, the arrangement of RPC Cluster of Carpet, the distributions of the raceway for cables and gas tubes are presented. Based on these arrangement, a effective coverage ration of ARGO-YBJ detector 93% was realized.
