Performance of MRPC telescopes of the EEE Project.

D. De Gruttola for the EEE Collaboration

The muon telescopes of the Extreme Energy Events (EEE) Project are based on the Multigap Resistive Plate Chamber (MRPC) technology. The array is composed, so far, of 52 telescopes, each made of three MRPC planes, organized in clusters and single telescope stations distributed all over the Italian territory inside High Schools. The study of Extensive Air Showers (EAS) requires excellent performance in terms of time and spatial resolution, efficiency and tracking capability. The stable behavior of such a large array of detectors, installed in peculiar sites and operated by young students and senior researchers, is reported.