

X. Workshop on Resistive Plate Chambers and Related Detectors

Contribution ID: 72

Type: **not specified**

Study on two-dimension induced signal readout of MRPC

Wednesday, 10 February 2010 17:00 (2 hours)

A kind of two-dimension readout mode for the induced signal readout of MRPC has been studied in both simulation and experiments. Several MRPC prototypes are produced and a series of test experiments have been done to compare with the result of simulation, in order to verify the simulation model. The experiment results are in line with those of simulation. This method will be used to design the two-dimension signal readout mode of MRPC in the future work.

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Session Classification: Poster session