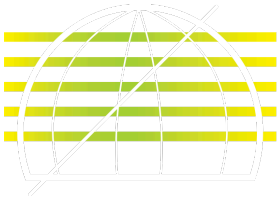

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Characterization and Simulation of Glass Multigap RPCs

Thursday 29 September 2022 15:15 (3 minutes)

Resistive Plate Chambers (RPCs) are inexpensive and easy-to-build gaseous detectors with very good spatial and temporal resolution. These features make them very attractive and they are largely used in high energy particle experiments. RPC electrodes can be made of different kinds of materials with baquelite and glass being the most common. We present the characterization and simulation results of a glass multigap resistive plate chamber (MRPC) with 6 (0.25mm) gaps using atmospheric muons.

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