

X. Workshop on Resistive Plate Chambers and Related Detectors

Contribution ID: 70

Type: **not specified**

Study of gas purifiers in the CMS RPC detector

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

The CMS RPC muon detector utilizes a gas recirculation system (Closed Loop) to cope with high gas mixture volumes and costs. A systematic study of Closed Loop gas purifiers has been carried out in 2008 and 2009 at the ISR experimental area of CERN, with the use of RPC chambers with currents monitoring, and gas analysis sampling points. Results on contaminants release and purifier characterization.

Primary author: Dr SAVIANO, Giovanna (INFN-LNF Frascati)

Presenter: Dr SAVIANO, Giovanna (INFN-LNF Frascati)

Session Classification: Poster session