



ID de Contribution: 36

Type: **Oral presentation**

The ALICE High Momentum Particle Identification system: an overview after the first LHC run.

lundi 3 mai 2010 11:00 (30 minutes)

The ALICE High Momentum Particle Identification RICH detector (HMPID), with its 10 m² of Cesium Iodide (CsI) photo-cathodes is installed, in the ALICE solenoid since fall 2006.

Since then, it has been thoroughly commissioned, together with its auxiliary systems, with cosmic rays and beam dump/splash events during various LHC injections tests in 2008 and 2009. Finally, the HMPID has successfully recorded events produced by the first proton-proton collisions at LHC in winter 2009.

The present talk will review the experience gained during the commissioning phase and summarize the present status of the detector.

Preliminary results, concerning the detector performance, will be shown.

Please indicate "poster" or "plenary" session. Final decision will be made by session coordinators.

Plenary

Auteur principal: Dr MARTINENGO, Paolo (CERN)

Orateur: Dr MARTINENGO, Paolo (CERN)

Classification de Session: Cherenkov Imaging in particle and in nuclear physics experiments

Classification de thématique: Cherenkov imaging in particle and nuclear physics experiments