Physics at LHC 2012



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Results from particle identification in pp collisions measured with ALICE at the LHC

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The excellent capabilities of the ALICE experiment for particle identification allow to measure the identified hadron production in a wide range of transverse momentum. For instance, using different techniques, the transverse momentum spectra of charged pions, kaons and protons have been measured from 0.2 GeV/c up to 20 GeV/c. In this talk we present the results on identified particle spectra, strange particle production and particle ratios measured in pp collisions at $\sqrt{s} = 0.9$, 2.76 and 7 TeV. The results are compared with Monte Carlo event generators predictions.

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Collaboration Name
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