



Contribution ID: 478

Type: Poster

Jet Transverse Structure and Momentum Distribution in pp Collisions at 7 TeV

We present a study of the jet transverse structure, the charged hadrons multiplicity in jet and charged hadrons longitudinal and transverse momentum distribution relative to the jet axis on $X \text{ pb}^{-1}$ integrated luminosity of proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the CMS detector at LHC. The jet transverse structure is measured using the second moment of the charged hadron transverse jet profile. A comparison with predictions from different Monte Carlo generators is presented.

Primary author: Mrs LYCHKOVSKAYA, Natalia (ITEP Institute for Theoretical and Experimental Physics (ITEP))

Presenter: Mrs LYCHKOVSKAYA, Natalia (ITEP Institute for Theoretical and Experimental Physics (ITEP))

Track Classification: 03 - Perturbative QCD, Jets and Diffractive Physics