

SEMINARIO

Martedì 12 aprile 2011

ore 15:00

presso INFN - Sezione di Pisa

Largo B. Pontecorvo, 3 – Edificio C

Aula 131 (edificio C - piano terreno)

Dr. Alberto Annovi

(LNF - INFN)

Terrà un seminario dal titolo

Invariant Mass Distribution of Jet Pairs Produced in Association with a W boson in proton-antiproton Collisions at $\sqrt{s} = 1.96$ TeV

Abstract:

The study of the invariant mass distribution of jet pairs produced in association with a W boson using data collected with the CDF detector which correspond to an integrated luminosity of 4.3 fb^{-1} will be presented. The observed distribution has an excess in the 120-160 GeV/c² mass range which is not described by current theoretical predictions within the statistical and systematic uncertainties. In particular the properties of this excess are going to be presented.