



Séminaire du Laboratoire de l'Accélérateur Linéaire

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LNF - INFN

Jour inhabituel

Jeudi 17 Mars 2011 à 11 :00

Search for New Physics signals with the LHCb detector at the LHC

The LHCb experiment at CERN's Large Hadron Collider is looking for signatures of New Physics through precision measurements of processes involving B and D mesons. In particular, rare processes that are suppressed in the Standard Model may have a high sensitivity to possible contributions from New Physics. The first LHC physics run started on March 30th, 2010 at a center-of-mass energy of $\sqrt{s} = 7$ TeV and LHCb collected $\sim 40 \text{ pb}^{-1}$ of data between April and November 2010. More than 1 fb^{-1} of integrated luminosity is expected to be collected by the end of 2011.

Salle 101 du LAL - Bât. 200, Orsay

Thé et café seront servis 1/4 h avant le séminaire



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