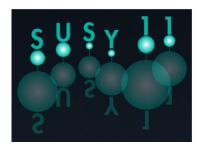
Supersymmetry 2011 (SUSY11)



Contribution ID: 435 Type: not specified

Updated search for non-SM physics in B->K(*)mu+mu- decays at CDF

Tuesday, 30 August 2011 14:50 (20 minutes)

We present updated measurements of branching fractions (BR), polarization, and muon forward-backward asymmetry (A_FB) in B \rightarrow K(*) mu mu final states using 6.7 fb $^-$ 1 of data collected by the CDF detector. We report the first observation of Lambda_b \rightarrow Lambda mu mu decays, the first measurements of the A_im and A_T 2 quantities - sensitive to CP-violating right-handed currents - and measurements of A_FB, polarizations and BR competitive with world best results.

Presenter: MIYAKE, Hideki

Session Classification: Parallel Session 6