



ID de Contribution: 9

Type: YSF (Young Scientists Forum)

Time Integrated Analysis of $B_s \rightarrow \Phi \Phi$ at LHCb

lundi 5 mars 2012 20:52 (5 minutes)

Measurements of the polarization amplitudes are presented using a time integrated analysis for the decay B_s to $\phi \phi$ using data collected by the LHCb experiment between March and November 2011. Also presented are measurements of T-violating triple product asymmetries, which if observed to be significantly different from zero could indicate the presence of new physics.

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Classification de Session: YSF2

Classification de thématique: Experiment