



Contribution ID: 884

Type: **Parallel Session Talk**

New upper limit on the decay $B_s \rightarrow \mu \mu$ from D0

Friday, 23 July 2010 12:00 (11 minutes)

We present the results of a search for the flavor-changing neutral current decay $B_{0,s} \rightarrow \mu^+ \mu^-$ using approximately 6.1 fb^{-1} of p anti-p collisions at $\sqrt{s}=1.96 \text{ TeV}$ collected by the D0 experiment at the Fermilab Tevatron Collider. Compared to the previous published D0 result we have increase the amount of data analysed by a factor of 4 and improved the background rejection using a multivariate discrimination technique.

Primary author: D0, Physics Coordinators (D0 Collaboratio)

Presenter: CASEY, Brendan (Fermilab)

Session Classification: 06 - CP violation, CKM and Rare Decays

Track Classification: 06 - CP violation, CKM and Rare Decays