

**A DISCUSSION
OF CDF'S RECENT
 $B_s \rightarrow \mu^+\mu^-$
RESULT**

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4:00 P.M. NSH 415

Recently, CDF reported an excess of events in an analysis searching for the Flavor-Changing-Neutral-Current (FCNC) decay $B_s \rightarrow \mu^+\mu^-$. While of moderate statistical significance, this data may be the first indication of a signal in this decay channel. I will discuss the details of the analysis, with an emphasis on those elements that could give rise to a false signal.

Particle
Physics
Seminar

All interested
persons are
cordially
invited to
attend.