

Journal Club

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Search for a W' Boson Decaying to a Top and a Bottom Quark in the All-Hadronic Final State

Many beyond the standard model theories predict new massive gauge bosons. In this talk, we discuss a search for the W' boson conducted at the CMS experiment at the CERN LHC. Specifically, the $W' \rightarrow tb$ decay mode in the all hadronic final state. The search uses cutting edge boosted top-jet identification techniques to enhance the sensitivity of the measurement. W' cross section upper limits as well as limits on the W' left-right couplings will be presented.



Thursday
October 30, 2014
12:30pm
401 Physical Sciences Bldg.