



LHC Seminar

SPEAKER: Marco Pappagallo (University of Glasgow (GB))
TITLE: **Search for a structure in the $B_s^0 \pi$ invariant mass spectrum with LHCb data**
DATE: Tue 22/03/2016 11:50
PLACE: Main Auditorium

ABSTRACT

The claim by the D0 collaboration of a tetraquark state, dubbed the X(5568), in the $B^0 \pi^{+-}$ invariant mass distribution is investigated with a data sample recorded with the LHCb detector corresponding to 3 fb^{-1} of pp collision data at $\sqrt{s} = 7$ and 8 TeV. No signal is found and upper limits are set on the production rate of such a state.