



Contribution ID: 89

Type: **Talk**

Charmed-bottom mesons from Lattice QCD

Friday, 29 July 2016 15:40 (20 minutes)

We present ground state spectra of mesons containing a charm and a bottom quark. For the charm quark we use overlap valence quarks while a non-relativistic formulation is utilized for the bottom quark on a background of 2+1+1 flavor HISQ gauge configurations generated by the MILC collaboration. We also study the ratio of leptonic decay constants, $f_{B_c^*}/f_{B_c}$. Results are obtained at three lattice spacings.

Primary author: Prof. MATHUR, Nilmani (Tata Institute of Fundamental Research)

Co-authors: Dr PADMANATH, M (University of Graz); LEWIS, Randy (York University)

Presenter: Prof. MATHUR, Nilmani (Tata Institute of Fundamental Research)

Session Classification: Hadron Spectroscopy and Interactions

Track Classification: Hadron Spectroscopy and Interactions