

## Weak decays of $\bar{B}_s$ mesons

*Monday, 2 June 2014 15:20 (0:20)*

### Collaboration

### Abstract content

In this work we study the semileptonic decays of  $\bar{B}_s$  mesons in the context of nonrelativistic constituent quark models. We estimate the uncertainties of our calculation using different interquark potentials to obtain the meson wave functions. We check the results from our model against the predictions of Heavy Quark Symmetry, in the limit of infinite heavy quark mass. We also study the nonleptonic decays of  $\bar{B}_s$  mesons within the factorization approximation.

**Primary author(s) :** ALBERTUS-TORRES, Conrado (University of Granada)

**Presenter(s) :** ALBERTUS-TORRES, Conrado (University of Granada)

**Session Classification :** Parallel Session B3