## An Effective Theory approach to $\bar{B}_s$ mesons involving SU(3) heavy meson symmetry and constituent quark-model states

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The bottom partners of the  $D_{s0}(2317)$  and  $D_{s1}(2460)$  have not been measured yet but the existence of these bottom-strange  $J^P = 0^+$  and  $1^+$  states is motivated by heavy quark flavor symmetry (HQFS) and heavy quark spin symmetry (HQSS).

In this talk we will present the predictions for such heavy quark partners using a unitarized effective approach involving SU(3) chiral heavy meson symmetry and incorporating explicit di-quark Fock components ( $Q\bar{q}$ ) to the theory in a HQFS/HQSS consistent way.

We take advantage of the energy levels spectrum for  $0^+$  and  $1^+ B_s$  mesons obtained in a recent lattice QCD simulation to constrain the coupling of the Qq components. By fitting the lattice QCD energy levels with the energy levels obtained with the model in finite volume, we are able to make predictions for these exotic  $\bar{B}_s$  mesons. Our predictions are compatible with the lattice QCD results and previous heavy meson chiral perturbation theory predictions. In the same line, results for charm-strange mesons will be presented.

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