B-particle organization

Many measurements of *B* decays involve admixtures of *B* hadrons. Previously we arbitrarily included such admixtures in the B^{\pm} section, but because of their importance we have created two new sections: " B^{\pm}/B^0 Admixture" for $\Upsilon(4S)$ results and " $B^{\pm}/B^0/B_s^0/b$ -baryon Admixture" for results at higher energies. Most inclusive decay branching fractions and χ_b at high energy are found in the Admixture sections. $B^0-\overline{B}^0$ mixing data are found in the B^0 section, while $B_s^0-\overline{B}_s^0$ mixing data and $B-\overline{B}$ mixing data for a B^0/B_s^0 admixture are found in the B_s^0 section. *CP*-violation data are found in the B^{\pm} , B^0 , and B^{\pm} , B^0 Admixture sections. *b*-baryons are found near the end of the Baryon section. Recently, we also created a new section: " V_{cb} and $V_{\mu b}$ CKM Matrix Elements."

The organization of the B sections is now as follows, where bullets indicate particle sections and brackets indicate reviews.

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[Production and Decay of b-flavored Hadrons]
[A Short Note on HFLAV Activities]
• B<sup>±</sup>
     mass. mean life
     branching fractions
     polarization in B^{\pm} decay
     CP violation
• B<sup>0</sup>
     mass, mean life
     branching fractions
     [Polarization in B decay]
     polarization in B^0 decay
     [B-\overline{B} Mixing]
     B^0 - \overline{B}^0 mixing
     CP violation
• B^{\pm} B^0 Admixture
     branching fractions, CP violation
     CP violation
• B^{\pm}/B^{0}/B^{0}_{s}/b-baryon Admixture
     mean life
     production fractions
     branching fractions
    \chi_{h} at high energy
     production fractions in hadronic Z decay
• V<sub>c b</sub> and V<sub>u b</sub> CKM Matrix Elements
     [Determination of V_{cb} and V_{ub}]
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• B^* , $B_1(5721)$, $B_1^*(5732)$, $B_2^*(5747)$, $B_J(5840)$, $B_J(5970)$ mass, width, branching fracions • B_s^0 mass, mean life branching fractions polarization in B_s^0 decay $B_s^0 - \overline{B}_s^0$ mixing • B_{s}^{*} , $B_{s1}^{-}(5830)^{0}$, $B_{s2}^{*}(5840)^{0}$, $B_{sJ}^{*}(5850)$, $B_{sJ}^{-}(6063)^{0}$, $B_{sJ}^{-}(6114)^{0}$ mass, width, branching fractions • B_c^{\pm} mass, mean life branching fractions • $B_c(2S)^{\pm}$ mass, branching fractions

At the end of Baryon Listings:

• Λ_b mass, mean life branching fractions • $\Lambda_b(5912)^0$, $\Lambda_b(5920)^0$, $\Lambda_b(6070)^0$, $\Lambda_b(6146)^0$, $\Lambda_b(6152)^0$ mass, width, branchibg fractions • Σ_h mass, width, branching fractions • Σ_{b}^{*} , $\Sigma_{b}(6097)^{+}$, $\Sigma_{b}(6097)^{-}$ mass, width, branching fractions • $\Xi_b^0, \Xi_b^$ mass, mean life branching fractions, P, CP violation • $\Xi'_{b}(5935)^{-}$, $\Xi_{b}(5945)^{0}$, $\Xi_{b}(5955)^{-}$, $\Xi_{b}(6100)^{-}$, $\Xi_{b}(6227)^{-}$, $\Xi_{b}(6227)^{0}, \ \Xi_{b}(6327)^{0}, \ \Xi_{b}(6333)^{0}$ mass, width, branching fractions • Ω_{h}^{-} mass, mean life branching fractions

• $\Omega_b(6316)^-$, $\Omega_b(6330)^-$, $\Omega_b(6340)^-$, $\Omega_b(6350)^$ mass, width, branching fractions

• b-baryon Admixture mean life branching fractions

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