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## Production of HF and quarkonia at CDF

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We report recent studies on heavy flavor production in 1.96 TeV proton-antiproton collisions collected by the CDF detector. These include a new measurement of the spin-alignment of  $\Upsilon$  mesons using dimuon decays in  $6.7 \text{ fb}^{-1}$  of data. This measurement is the first to report the full angular distributions of dimuons as functions of  $\Upsilon$  transverse momentum in both the Collins-Soper and s-channel helicity frames. This is also the first measurement of spin alignment of  $\Upsilon(3S)$  mesons.

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**Session Classification:** Heavy flavours

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