

Heavy Flavor Physics at Future Colliders

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The CEPC project proposed in China as a Higgs factory would run at the center-of-mass energy from 240-250 GeV. On the way there it starts with a Z^0 factory & very high luminosity, which not only tests the detector systematics. Huge data from the Z factory will greatly improve our understanding of heavy flavor dynamics, namely the decays of beauty & charm hadrons & τ leptons and also about their productions. It is crucial to measure beauty & charm baryons' decays in excellent 'landscapes' from e+e- collisions without real backgrounds. The huge boosts at a Z factory should help significantly. With a pp collider at 100 TeV, huge heavy flavor data will be available, a LHCb-like detector will achieve a broad measurements in heavy flavor physics.