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## CP asymmetries in bottom and charm decays

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The standard way to measure the CP phases  $2\beta$  and  $2\beta_s$  uses  $B_{d,s}$  decays into charmonium. The theoretical precision is limited by the unknown penguin contribution to the decay amplitude. I show that this contribution can be expressed in terms of the same matrix elements which constitute to the dominant tree amplitude. The second part of my talk addresses a global analysis of D meson decays into two pseudoscalar mesons and the predictions of CP asymmetries.

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