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b-flavour tagging in pp collisions

An essential ingredient of all time-dependent CP violation studies of B mesons is the ability to tag the initial flavour of the B meson. The harsh environment of 7 and 8 TeV pp collisions makes this a particularly difficult enterprise. We report progresses in the flavour tagging of B₀ and B_s mesons, including developments of novel techniques like the use of an opposite side charm tagger.

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