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[318] Measurement of the CP violation parameter A_{Γ} in $D^0 \rightarrow h^+h^-$ decays at LHCb

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LHCb has the largest samples of two-body charmed hadron decays collected by any experiment to date. These samples are yielding some of the world's most precise measurements of neutral D -meson mixing parameters and most sensitive searches for indirect CP violation in charm decays. The current world best time-dependent CP asymmetries in the decay rates of the singly Cabibbo-suppressed decays $D^0 \rightarrow K^+K^-$ and $D^0 \rightarrow \pi^+\pi^-$ are presented.

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