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Type: **Parallel**

Mixing and CP -violation measurements with D mesons at Belle and Belle II

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The Belle and Belle II experiments have collected a 1.6 ab^{-1} sample of e^+e^- collision data at centre-of-mass energies near the $\Upsilon(nS)$ resonances. These samples contain a large number of $e^+e^- \rightarrow c\bar{c}$ events that produce charmed mesons. We present measurements of charm-mixing parameters from flavour-tagged $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ decays. Direct CP violation is searched for in $D^0 \rightarrow K_S^0 K_S^0$ decays and D meson decays to two or three pions.

Secondary track

Authors: MASSACCESI, Ludovico (Univ. and INFN Pisa, Belle II); ROBERTSON, Steven (IPP / UofA)

Presenter: MASSACCESI, Ludovico (Univ. and INFN Pisa, Belle II)

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