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Title:	Search for CP violation in the $D^+ \rightarrow \pi^+ \pi^0$ decay at Belle
Authors:	Bhardwaj, V. (/jspui/browse?type=author&value=Bhardwaj%2C+V.)
Keywords:	CP violation Integrated luminosity Asymmetric-energy collide
Issue Date:	2018
Publisher:	American Physical Society
Citation:	Physical Review D, 97(1)
Abstract:	We search for CP violation in the charged charm meson decay $D^+ \rightarrow \pi^+ \pi^0$, based on a data sample corresponding to an integrated luminosity of 921 fb ⁻¹ collected by the Belle experiment at the KEKB e ⁺ e ⁻ asymmetric-energy collider. The measured CP-violating asymmetry is $[+2.31 \pm 1.24(\text{stat}) \pm 0.23(\text{syst})]\%$, which is consistent with the standard model prediction and has a significantly improved precision compared to previous results.
Description:	Only IISERM authors are available in the record.
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