

Searches for CP violation in charmless b-baryon decays at LHCb

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The violation of CP symmetry is now very well established in the meson sector. However, CP violation has yet to be observed in the baryonic sector. Charmless b-baryon decays represent a promising opportunity in this respect since their amplitudes receive contributions from a $b \rightarrow u$ tree diagram carrying the sizeable phase γ . We present the most recent measurements of charmless b-baryon decays performed by LHCb.

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Secondary track (number)

Primary authors: RICCIARDI, Stefania (Science and Technology Facilities Council STFC (GB)); BARTOLINI, Matteo (INFN e Universita Genova (IT))

Presenter: BARTOLINI, Matteo (INFN e Universita Genova (IT))

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