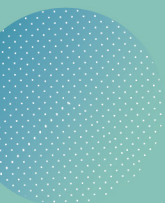




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Giant CP violation in charmless three-body B_s meson decays at LHCb: all order formalism for meson-meson final state interactions

by A. Reyes-Torrecilla, J.R. Pelaez y P.C. Magalhães

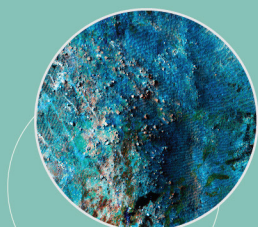
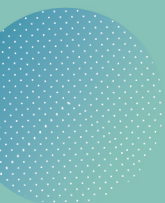
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Abstract

LHCb has observed giant CP violation in localized regions of the Dalitz plots of $B \rightarrow 3$ charmless light mesons. This has been interpreted as an enhancement due to strong two-body final state interactions. In this talk, we show how such interactions, described with dispersive analyses of data, can be implemented beyond the leading order expansion in the two-body re-scattering amplitude.

