

All quiet on CP violating front?

Wednesday, 20 May 2015 11:30 (1:00)

Abstract

In this talk, we shall make a brief review of the status of CP violation in the Standard and conditions to have a CP violating observable. We shall present a summary of the main experimental results on CP violation in the quark sector. But CP violation is also strongly involved in topics of the cosmic frontiers. We shall review the relevance of CP violation in the leptonic sector (neutrino physics), dark matter questions and of course in the explanation of the baryon asymmetry of the Universe.

Title

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