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CP-violating inflation

Monday 5 December 2022 14:00 (20 minutes)

I introduce the novel phenomena of CP-violating inflation in a non-minimal Higgs framework where the inflaton has a complex non-minimal coupling to gravity leading to CP-violation - a necessary source of the baryon asymmetry. I discuss the inflationary dynamics of such a framework and its implications for baryogenesis.

Author: KEUS, Venus (Dublin Institute for Advanced Studies (DIAS))
Co-author: Prof. TUOMINEN, Kimmo (University of Helsinki)
Presenter: KEUS, Venus (Dublin Institute for Advanced Studies (DIAS))
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