

Indirect test of extended Higgs model with CP-violation at the future collider

Wednesday 17 January 2018 10:00 (30 minutes)

The baryon asymmetry of the universe that cannot be explained in the standard model may be explained by considering the extended Higgs model with CP-violation. In this talk, we focus on the two Higgs doublet model with CP-violation as a model that can realize the electroweak baryogenesis, and then we analyze indirect effect of CP-violation on the couplings of the discovered Higgs boson and discuss the test using the future colliders.

Authors: AOKI, Mayumi (Kanazawa University); HASHINO, Katsuya (University of Toyama); Mr KANEKO, Daiki (Kanazawa University); KANEMURA, Shinya (Osaka University); KUBOTA, Mitsunori (University of Toyama)

Presenter: KUBOTA, Mitsunori (University of Toyama)