

HHH workshop



Contribution ID: 14

Type: **not specified**

HHH, the Higgs potential and electroweak baryogenesis

Friday 14 July 2023 15:30 (30 minutes)

The search for the HHH process at the LHC targets both the quartic and trilinear Higgs self-couplings, and thereby provides important information about the shape of the Higgs potential. Indirectly, it could also give insight in the matter-antimatter asymmetry observed in the universe. This presentation discusses the relation of the HHH process with the mechanism of electroweak symmetry breaking and the impact of the HHH study at the LHC on the understanding of electroweak baryogenesis.

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Session Classification: Afternoon session