



Contribution ID: 423

Type: **Poster**

The potential of Two Higgs Doublet Models and other issues

Monday, 8 August 2016 18:30 (2 hours)

The Two-Higgs Doublet Model (2HDM) potential may accommodate more than one minima at the tree-level, one of them being the electroweak (EW) minimum where the universe lives. We make a detailed study of the nature of the most general 2HDM potential, including one-loop corrections, and also focus on the stability issues of the EW vacuum. We also discuss the naturalness issues in the context of 2HDM and constrain the parameter space based on the naturalness argument.

Primary author: Ms CHAKRABORTY, Indrani (University of Calcutta)

Presenter: Ms CHAKRABORTY, Indrani (University of Calcutta)

Session Classification: Poster Session

Track Classification: Higgs Physics