

Higgs Production under CP-violating SUSY cascade decays

Thursday 26 August 2010 17:20 (15 minutes)

We will discuss the Higgs production under supersymmetric cascade.

Specially some rare decays are possible in case of CP-violating MSSM. These decays can lead to Higgs production with some non-trivial signal topologies.

We will investigate the possibility of these signal and their significance considering the dominant backgrounds at the LHC. Integrated luminosity of 10 fb^{-1} is sufficient for some of bench mark points

Primary author: Dr BANDYOPADHYAY, PRIYOTOSH (RESEARCH FELLOW)

Presenter: Dr BANDYOPADHYAY, PRIYOTOSH (RESEARCH FELLOW)

Session Classification: Collider 26-2 Chair: P. Wienemann

Track Classification: Pheno