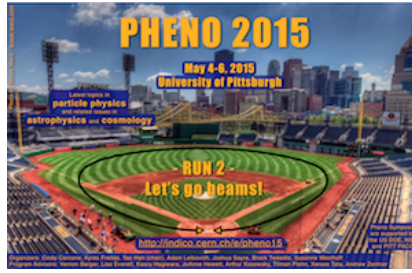


Phenomenology 2015 Symposium



Contribution ID: 156

Type: parallel talk

Is the higgs the first supersymmetric particle?

Monday 4 May 2015 17:15 (15 minutes)

The LHC collaborations are putting forth tremendous efforts to find supersymmetry at the TeV scale. However, they are yet to find any conclusive hints of physics beyond the Standard Model. Meanwhile, both ATLAS and CMS have discovered a new scalar at 125 GeV which appears compatible with the Standard Model Higgs. Recently, the possibility that the Higg's doublet is the superpartner of one of leptons has been seriously considered and its been found that such models are well within current bounds. In this talk I explore novel phenomenological implications of this intriguing possibility as well as categorize the different types of allowed models in this framework.

Author: DROR, Jeff (Cornell University)

Presenter: DROR, Jeff (Cornell University)

Session Classification: SUSY II