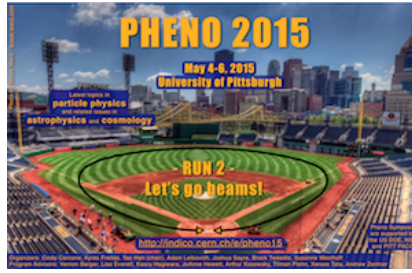


Phenomenology 2015 Symposium



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Constraints on the GM model by current LHC data

Tuesday 5 May 2015 14:15 (15 minutes)

Based on latest LHC Higgs search results, we find constraints on theory parameters of the Georgi-Machacek Model. In particular, we obtain upper bounds on the triplet vacuum expectation value as a function of exotic Higgs masses and the mixing angle α between the two custodial singlets. We also scrutinize the small-mass region in the diphoton channel.

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