



Contribution ID: 86

Type: **not specified**

Low energy physics of a F-theory GUT model

Tuesday 31 May 2011 15:00 (15 minutes)

I shall discuss a GUT model inspired by recent local F-theory constructions. The model has extra matter which after switching vev play the role of messengers. The resulting model does not lead to unacceptable baryon/lepton number violating processes. SUSY is broke at a hidden sector. I shall discuss the resulting spectrum of the lightest SUSY particles and some phenomenological consequences of thereof.

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Session Classification: P3 –STRINGS, GRAVITY & HOLOGRAPHY