Institut Henri Poincaré

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String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Lundi 26 Septembre 2016, 11:45

Steven Abel

Bringing non-supersymmetric string phenomenology in from the cold

It is important to ask how and if string theory can describe what may turn out to be a non- supersymmetric world. What particular issues does lack of (space-time) supersymmetry bring, and to what extent can they be avoided ? How might one build a Standard Model ? Are there any particular requirements or even predictions coming from consistency, and what happens in such theories to the hierarchy problem ? In this talk I will give a summary of recent and ongoing progress in non-supersymmetric string phenomenology, in which we make first attempts to address these questions.

Institut Henri Poincaré, salle 314, 3ème étage

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