Institut Henri Poincaré

11 rue Pierre et Marie Curie, 75231 Paris cedex 05

String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Jeudi 29 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

Retrouvez les activités de la communauté parisienne de théorie des cordes sur
`http ://string.lpthe.jussieu.fr`
La liste de tous les séminaires en région parisienne est disponible sur
`http ://string.lpthe.jussieu.fr/semparis`