



Contribution ID: 376

Type: **Parallel Session Talk**

SUSY Breaking in the Klebanov-Strassler Background by Anti-D3 Branes

Thursday, 22 July 2010 11:00 (18 minutes)

Constructing models of meta-stable vacua in supersymmetric theories is a crucial task for string phenomenology. It has been conjectured that anti-D3 branes in the Klebanov-Strassler background indeed produce such a supersymmetry breaking scenario. In this talk I will outline the results of a supergravity calculation which represents the backreaction of such anti-D3 branes and discuss the implications for finding meta-stable vacua from warped deformed conifolds.

Primary authors: Dr BENA, Iosif (CEA); Dr GRANA, Mariana (CEA); Dr HALMAGYI, Nick (CEA)

Presenter: Dr HALMAGYI, Nick (CEA)

Session Classification: 12 - Beyond Quantum Field Theory Approaches (including String Theories)

Track Classification: 12 - Beyond Quantum Field Theory Approaches (including String Theories)