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## SUSY breaking in the baryonic branch

*Monday, 24 October 2011 12:00 (0:30)*

### Abstract content

I will present a gravity dual of the non-supersymmetric baryonic branch of Klebanov-Strassler. We first find a non-SUSY solution of D5 branes wrapped on an  $S^2$  and using a chain of dualities we arrive at the softly broken baryonic branch of KS. We show that the field theory dual has a gaugino mass and gaugino condensate and exhibits a weak version of Seiberg duality.

### Summary

**Primary author(s) :** Dr. CÁCERES, Elena

**Presenter(s) :** Dr. CÁCERES, Elena

**Session Classification :** Astroparticles, Cosmology, Strings and Beyond the Standard Model

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