

# Reflections on SUSY Breaking and the Low- $l$ CMB

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If Supersymmetry were realized in Nature, it ought to have been broken at a high scale during inflation. Indirect signs of this epoch have shown up in the results of the Planck satellite, which have provided evidence for a non-trivial CMB spectral tilt  $n_s < 1$ . I elaborate on models on “brane supersymmetry breaking”, a peculiar and natural mechanism drawn from String Theory, to investigate whether the lack of power in the low- $l$  CMB might be telling us something about the onset of inflation.

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