Contribution ID: **3**   Type: **not specified**

P. G. Camara: "Torsion induced soft-breaking terms"

Tuesday 22 July 2008 14:30 (30 minutes)

We discuss the conditions for having no-scale solutions
of type IIA and IIB supergravity compactified on orientifolds with SU(3)
structure. Supersymmetry is spontaneusly broken at tree-level by the
effect of the intrinsic torsion. The torsion induced mu-terms in the
world-volume of D5, D6 and D9-branes are presented for the particular case
of twisted-tori, and the arising patterns of soft-terms are discussed for
pure moduli mediation.

Author: CAMARA, Pablo G. (Ecole Polytechnique, Paris)

Track Classification: W1