

# Effects of brane-flux transitions on string vacua

*Thursday, 12 November 2009 17:30 (1:00)*

## Abstract content

### Summary

The incorporation of fluxes on the construction of string vacua has been considered in the literature for the last decade as a mechanism to solve some important problems as moduli stabilization. However, their presence drives some topological mechanisms as the transition among branes and fluxes. In this talk we will show some direct consequences of this transition in the stability of phenomenological models, black hole configurations and mainly, on the size of the string landscape on Minkowski vacua.

**Primary author(s) :** LOAIZA-BRITO, Oscar (CINVESTAV, Unidad Monterrey)

**Presenter(s) :** LOAIZA-BRITO, Oscar (CINVESTAV, Unidad Monterrey)

**Session Classification :** String Theory and Field Theory II