

Anomaly Mediation from String Theory

I shall study anomaly mediated supersymmetry breaking in type IIB string theory and use the results to test the supergravity formula for anomaly mediated gaugino masses. This involves calculating the one-loop gaugino masses for models of D3-branes on orbifold singularities in a three-form flux background by calculating the annulus correlator of two gauginos with a three-form flux insertion.

Primary author: Dr GOODSSELL, Mark (DESY, Hamburg)

Presenter: Dr GOODSSELL, Mark (DESY, Hamburg)