

# THE STRING THEORY UNIVERSE - 22nd European string workshop and Final COST MP1210 Conference



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## Talk 8: Erik Plauschinn

*Thursday 23 February 2017 11:50 (20 minutes)*

Title: Partial SUSY Breaking for Asymmetric Gepner Models and Non-geometric Flux Vacua

Asymmetric Gepner models of type IIB string theory with  $N=1$  space-time supersymmetry are constructed. The combinatorics of the massless sector suggests, that these classical Minkowski vacua provide fully back-reacted solutions corresponding to  $N=1$  minima of  $N=2$  gauged supergravity. They include, in particular, Calabi-Yau compactifications with so-called non-geometric fluxes.