

## F. Gmeiner: "Millions of Standard Models on $Z_6$ ?"

*Thursday 7 August 2008 10:30 (30 minutes)*

I discuss recent results obtained in collaboration with Gabriele Honecker (arXiv:0806.3039 [hep-th]) on a statistical analysis of standard model-like compactifications on the  $T^6/Z_6$  orbifold in the context of intersecting brane models of type II string theory. In particular the structure of the hidden sector, the gauge coupling constants and chiral exotic matter content is discussed. It turns out that the number of chiral exotics, Higgses and values of gauge couplings are strongly correlated.

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