

Towards exact field theory results for the Standard Model on fractional D6-branes

samedi 23 juillet 2011 12:30 (15 minutes)

Fractional D6-branes on toroidal orbifold backgrounds are known to be able to accommodate the particle spectrum and gauge group of the Standard Model, but up to now exact results for their low-energy effective action are missing.

In this talk, I will discuss how the conceptual ansatz for the field theory on the torus is generalised to those orbifold backgrounds on which the Standard Model spectrum can be realised on fractional branes.

Auteur principal: HONECKER, Gabriele (Universitaet Mainz)

Orateur: HONECKER, Gabriele (Universitaet Mainz)

Classification de Session: Non-Perturbative QFT and String Theory