

Getting 4d physics from open string wavefunctions

Saturday, July 18, 2009 11:30 AM (30 minutes)

We briefly review the different approaches to model building within type IIB string theory and show the utility of open string wavefunctions for computing 4D physical couplings, such as Yukawa couplings. In the second part of the talk we report on some of the recent developments in extending these techniques to compactifications with closed string fluxes or with non-diagonal magnetization.

Primary author: Dr CAMARA, Pablo G. (Ecole Polytechnique)

Presenter: Dr CAMARA, Pablo G. (Ecole Polytechnique)

Session Classification: VII. Unified Theories, Strings, Non-perturbative QFT

Track Classification: Unified Theories, Strings, Non-perturbative QFT