Institut Henri Poincaré

11 rue Pierre et Marie Curie, 75231 Paris cedex 05

String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Jeudi 14 Avril 2016, 10:00

Alejandra Castro

University of Amsterdam

Warped conformal field theories

Warped conformal field theories (WCFTs) are a novel class of non-relativistic theories in two dimensions, which are interesting in both holography and QFT. In this talk I will show how to derive general properties of the spectrum and modular properties of partition functions of WCFTs. A simple, yet non-trivial, example of such theory is a massive Weyl fermion in $(1+1)$*-dimensions, which we will use as a guideline to illustrate the charm behind WCFTs.*

Institut Henri Poincaré, salle 314, 3ème étage

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