Institut Henri Poincaré
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String Theory in Greater Paris

Rencontres Théoriciennes

“Supergravité, théorie des cordes et théorie M”

Jeudi 16 Décembre 2021, 11:45

Edoardo Lauria

CPHT Polytechnique

Conformal boundary conditions for free fields

I will discuss the problem of classifying (interacting) conformal boundary conditions for the simplest bulk conformal field theories : free fields. I will mention concrete examples based on perturbation theory, and then describe results using the numerical conformal bootstrap approach, specifically in the case of a scalar field in four and three bulk dimensions.

Institut Henri Poincaré, salle 314, 3ème étage