Institut Henri Poincaré

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String Theory in Greater Paris

Rencontres Théoriciennes

“Supergravité, théorie des cordes et théorie M”

Jeudi 6 Mars 2025, 10:00

Lorenz Eberhardt

UVA Amsterdam

A microscopic realization of dS3

I will explain a proposal that relates pure Einstein gravity with positive cosmological constant in 2+1d to a matrix model. The matrix model is capable of reproducing all the integrated cosmological correlators in the bulk as well as the exact de Sitter entropy. Based on 2501.01486 in collaboration with Scott Collier and Beatrix Muehlmann.

Institut Henri Poincaré, salle 314, 3ème étage