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 3 Fevrier 2022, 11:00

Julian Sonner

University of Geneva

Chaos and Ergodicity in Holography

In this talk I will talk about recent as well as ongoing work which uses insights from quantum chaos to characterise non-perturbative and so-called doubly non-perturbative effects in quantum gravity. We will mostly be concerned with low dimensions, but our methods suggest ways forward in higher dimensions as well, as I shall outline.

Institut Henri Poincaré, salle 314, 3ème étage