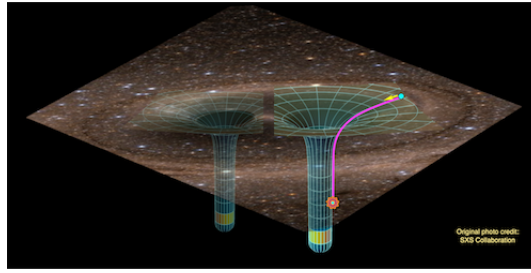


BLACK-HOLE MICROSTRUCTURE



ID de Contribution: 5

Type: Non spécifié

Black Hole Microstates in Holography and Worldsheet CFT

mardi 8 juin 2021 11:30 (1h 15m)

In this talk I will review recent progress on two topics. The first topic is the holographic description of heavy configurations in supergravity, in which holography can provide a microscopic interpretation of a supergravity solution as describing a particular pure black hole microstate. Recent results have enabled holographic studies with improved precision for supergravity solutions such as superstrata. The second topic is worldsheet models that describe stringy features of black hole microstates. These features include the fine microstructure of the bound state and an additional time delay of certain probes, beyond that which is visible in supergravity.

<https://www.youtube.com/watch?v=Z3Qm8BzMyJE>

Orateur: TURTON, David