Institut Henri Poincaré

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String Theory in Greater Paris

Rencontres Théoriciennes

"Supergravité, théorie des cordes et théorie M"

Jeudi 31 Mars 2016, 11:45

Kyriakos Papadodimas

CERN & U. Groeningen

On black hole horizons and complementarity

I will discuss how aspects of the black hole information paradox can be resolved by the principle of black hole complementarity . This relies on the idea that locality in quantum gravity is an emergent and thus approximate property, while the fundamental formulation is characterized by non-locality over large scales. By considering a simple toy model in AdS/CFT, I will explain that this is a general feature of quantum gravity even in the absence of black holes.

Institut Henri Poincaré, salle 314, 3ème étage

Retrouvez les activités de la communauté parisienne de théorie des cordes sur
`http ://string.lpthe.jussieu.fr`
La liste de tous les séminaires en région parisienne est disponible sur
`http ://string.lpthe.jussieu.fr/semparis`