## 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 9 Janvier 2020, 10:00***

# Andrew Tolley

***Imperial Coll. London***

## TTbar, Massive Gravity and Non-critical Strings

*I will argue that the natural gravitational picture of the TTbar deformation is ghost-free massive gravity, showing that massive gravity naturally emerges as an appropriately defined version of the random geometries framework. The important role of field dependent diffs is just a straightforward consequence of the Stuckelberg formalism of massive gravity. I will discuss these various connections, how (non)-critical strings arise naturally as the deformation of CFTs, and how to give path integral definitions for more general deformations.*

**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`