

SEMPARIS – Séminaires en région parisienne

<http://string.lpthe.jussieu.fr/semparis/>

Séminaire de matrices, cordes et géométries aléatoires

Vendredi 9 Novembre 2018, 14 :15
IPHT, Salle Claude Itzykson, Bât. 774
Domaines : hep-th

Titre : *Topological AdS/CFT, and gravitational free energy*

Orateur : **Pietro Benetti Genolini** (Cambridge University)

Résumé : *I will describe holographic duals to topologically twisted gauge theories on Riemannian four- and three- manifolds. Imposing boundary conditions for the supergravity fields corresponding to the topological twists, the renormalised supergravity action is independent of the choice of boundary metric. Under additional regularity assumptions, the on-shell action can be evaluated and shown to always vanish, which provides a prediction for the large N limit of topologically twisted theories.*
