

# SEMPARIS – Séminaires en région parisienne

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## Séminaires de Physique-Mathématique du LPT-Orsay

**Vendredi 8 Décembre 2017, 14 :00**

LPT, salle des séminaires (pièce 114), LPT Orsay, bldg 210, 1er étage

Domaines : hep-ph

Titre : *Tensor Models for Black Hole Probes*

Orateur : **Nick Halmagyi ( LPTHE Paris )**

Résumé : *We will describe a series of models where tensors of different degrees are coupled together and solved in the large  $N$  limit analytically. The 3-tensor model has been shown to be related to the SYK model in the large- $N$  limit and thus the physics of the near horizon of black hole. Our extension of the relationship allows us to explore the physics of probes in these black hole backgrounds.*

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