SEMPARIS – Séminaires en région parisienne

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Seminar of the theory group of APC

Mardi 1 Décembre 2015, 14 :00
APC, 483A Malevitch
Domaines : hep-th

Titre : *Negativities, entanglement structures of qubit systems and holography*

Orateur : **Massimiliano Rota (Durham University)**

Résumé : *Entanglement entropy is a very important quantity in holography, nevertheless it is only a measure of the total amount of entanglement between two complementary subsystems in a global pure state. A more detailed knowledge about the pattern of entanglement is essential for a deeper understanding of the relation between bulk geometry and quantum information in the boundary theory. I will discuss how negativities and other measures can be used in this context focusing in particular on qubit systems for which a classification of possible entanglement structures is available.*