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Seminar of the theory group of APC

Mardi 24 Avril 2018, 14 :00
APC, 483A - Malevitch
Domaines : hep-th

Titre : *A classical computation of (pre)Hawking radiation backreaction*

Orateur : **George Zahariade (Arizona State University)**

Résumé : *In this talk I will discuss how a gravitationally collapsing object emits classical radiation at a rate equal to the quantum radiation rate if suitable initial conditions are chosen for two classical fields. The coupled dynamics of gravitational collapse and radiation are then solved for in a simple toy model, illustrating how the classical system may be used to gain insight into Hawking evaporation.*