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Seminar of the theory group of APC

Mardi 27 Novembre 2018, 14 :00
APC, 646 A - Mondrian
Domaines : hep-th

Titre : *Two modified gravity theories with few degrees of freedom*

Orateur : **Michele. Oliosi (Yukawa Institute, Kyoto)**

Résumé : *In this talk, I will present two specific modifications of gravity in which the number of degrees of freedom is minimized. I will focus on their construction, showing how different methods can be used to accomplish the same goal : keeping a low number of degrees of freedom. The first theory that I will describe is the minimal theory of quasidilaton massive gravity, a Lorentz-breaking theory of massive gravity + scalar field. As a second example, I will describe a class of modified gravity theories that propagate only the usual two polarizations of gravitational waves.*