

INVITADO: José Beltrán, University of Geneva (Switzerland)

TITULO: "Theoretical Aspects of Galileon Fields"

LUGAR: FACULTAD DE CIENCIAS FÍSICAS UCM

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HORA: 14:30

AULA: Seminario Depto. Física Teórica II, Planta 2ª

ABSTRACT

I will discuss the recently proposed models for a scalar in which higher order terms in derivatives are present in the action whereas the equations of motion remain second order, avoiding that way the Ostrogradsky instability. I will show how these actions can be obtain from extra dimensions and also their relation with massive gravity. Although these theories were initially developed for scalar fields, analogous actions for higher spin fields can be devise.