SEMPARIS – Séminaires en région parisienne

http ://string.lpthe.jussieu.fr/semparis/

Seminar of the theory group of APC

Mardi 28 Octobre 2014, 14 :00
APC, 483A Malevitch
Domaines : hep-th

Titre : *Between the sky and the logos : Etudes on inflation with multiple scalar fields*

Orateur : **Krzysztof Turzynski (University of Warsaw)**

Résumé : *The inflationary paradigm is most simply realized by a model with a single, slowly rolling scalar field. As the cosmological data constraining inflation become more and more accurate, it is important to consider how this benchmark model is located in a theory space of more complicated models. To this end, I will present a few not-too-complicated examples of multi-field inflationary scenarios in which the relations between the observations and the model parameters can be quite different than in the simplest case.*