SEMPARIS – Séminaires en région parisienne

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Seminaire de physique mathematique du CPHT, Ecole Polytechnique

Jeudi 11 Fevrier 2016, 10 :30
CPHT, Salle de conf Aile 0
Domaines : hep-th

Titre : *Supergravity and constrained superfields*

Orateur : **Fotis Farakos**

Résumé : *When supersymmetry is broken and nonlinearly realized, one may remove from the spectrum of the theory various component fields. This is achieved by introducing appropriate constraints to the various superfields. We discuss the coupling of the nilpotent Goldstino superfield to supergravity, and other forms of matter couplings and constrained superfields. We also discuss applications to inflationary cosmology.*
