

**SEMPARIS – Séminaires en région parisienne**  
<http://string.lpthe.jussieu.fr/semparis/>

**Seminar of the theory group of APC**

**Mardi 29 Mai 2018, 14 :00**  
APC, 483 A - Malevitch  
Domaines : hep-th

Titre : *Galileon p-form theories*

Orateur : **Cédric Deffayet ( IAP )**

Résumé : *I will discuss the generalization to p-forms of the Galileon idea : to construct the most general theory of an (abelian gauge invariant) p-form with (strictly) second order field equations. Such theory have recently be fully classified for space-time dimension strictly smaller than 12. The covariantization of these theories will also be discussed.*

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