

**SEMPARIS – Séminaires en région parisienne**  
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**Séminaire commun LPTENS/LPTHE**

**Mardi 14 Novembre 2017, 11 :30**  
LPTENS, LPTENS library  
Domaines : hep-th

Titre : *Newton-Cartan Gravity in Action*

Orateur : **Eric Bergshoeff ( University of Groningen )**

Résumé : *I will give a short introduction into a frame-independent formulation of Newtonian gravity, called Newton-Cartan Gravity, and explain why there is a renewed interest into non-relativistic gravity. As a particular application I will discuss a recent proposal for an Effective Field Theory describing a massive spin-2 mode (the so-called GMP mode) in the Fractional Quantum Hall Effect.*

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