

# SEMPARIS – Séminaires en région parisienne

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

## Séminaire de matrices, cordes et géométries aléatoires

**Mercredi 18 Octobre 2017, 14 :15**  
IPHT, Salle Claude Itzykson, Bât. 774  
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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