

Séminaire de matrices, cordes et géométries aléatoires

Mercredi 18/10/2017, 14h15-15h15

Orme des Merisiers Salle Claude Itzykson, Bât. 774

Newton-Cartan Gravity in Action

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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.
