Contribution ID: **76**   Type: **not specified**

Gravity and the planar spin-2 Schroedinger equation

Thursday 24 May 2018 10:10 (40 minutes)

I will give a short review of the frame-independent formulation of Newtonian gravity, called Newton-Cartan Gravity, and explain why there is a renewed interest into non-relativistic gravity in general. I will discuss, as a particular application, 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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