Contribution ID: 1

Gravity-related spontaneous disentanglement: cause of Newton force?

Thursday, 18 December 2014 14:15 (45 minutes)

I revisit the model of gravity-related spontaneous wave function collapse together with its lasting problems like the issue of mass density resolution and of overwhelming environmental decoherence. I argue heuristically that G-related spontaneous collapses may be responsible for a "lazy" emergence of Newton gravity at a time scale of 1ms.

Primary author: Prof. DIOSI, Lajos (Wigner Research Center for Physics)Presenter: Prof. DIOSI, Lajos (Wigner Research Center for Physics)Session Classification: Session Part I