



Contribution ID: 179

Type: **Talk**

Aspects of infrared non-local modifications of General Relativity

Wednesday 16 December 2015 14:00 (21 minutes)

We introduce some recently proposed non-local infrared modifications of general relativity. We discuss which are the motivations to introduce non-localities in a theory of gravity. We then present a particular class of models which has been recently shown to be cosmologically viable, with an extremely good compatibility with cosmological data. We present the general features of such a class of non-local models and we briefly review some recent developments in the understanding of the nature of non-localities.

Author: Ms CUSIN, Giulia (University of Geneva)

Co-authors: Prof. MAGGIORE, Michele (University of Geneva); Dr FOFFA, Stefano (University of Geneva)

Presenter: Ms CUSIN, Giulia (University of Geneva)

Session Classification: 03 - Modifications of gravity