

Aspects of non-minimal couplings

Thursday 13 November 2025 14:00 (20 minutes)

Non-minimal couplings between vector fields, 3-forms, and scalars have emerged as intriguing candidates for dark matter and dark energy. At the same time, their theoretical study reveals unexpected features, including subtle issues with dynamics and consistency. In this talk, I will review recent developments in the study of non-minimal couplings, highlighting both their potential roles and some of the surprising properties that arise from their theoretical analysis.

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