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Metric-Affine Gravity as an effective field theory

Thursday 7 July 2022 10:00 (1h 30m)

Abstract: I will present several aspects of general Metric-Affine gravity theories: different gauge choices, different choices of variables, the relation to metric theories of gravity, important special subcases, the choice of Lagrangian from the point of view of effective field theory, the occurrence of ghosts/tachyons and ways to avoid them. I will also mention Weyl theory as a special case.

Presenter: Prof. PERCACCI, Roberto (SISSA Trieste, Italy)