

Massive spinning fields during inflation

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There are two major descriptions of massive spinning fields during inflation, coined as cosmological collider (CC) physics and cosmological condensed matter (CCM) physics. We will go through each description, how it couples to the inflaton, and compare the cosmological signatures each description can produce. If time allows, we will also go into corrections to Feynman rules of the CC description present in the literature.

Authors: STEFANYSZYN, David (University of Nottingham); CHEUNG, Trevor (University of Nottingham)

Presenter: CHEUNG, Trevor (University of Nottingham)

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