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Multi-field cosmology

Scalar fields in cosmology have been intensively studied during the last decades due to their potential application in the physics of the early and late universe cosmology. In this talk, we will explore the high-energy motivation and the theoretical implications of considering more than one scalar fields in the early universe and then discuss the observational viability of these models. We will focus on the inflationary regime and briefly discuss some of their applications in the late universe.

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