

CoCo 2o21: Cosmology in Colombia



Contribution ID: 16

Type: **not specified**

Model-building Cosmic Inflation and Dark Energy

Wednesday 8 September 2021 09:00 (1 hour)

Cosmic Inflation explains the initial conditions of the history of the Universe and generates the density perturbations which lead to the formation of structures in the Universe, such as galaxies. Dark Energy can be thought of as a substance responsible for a late-time inflationary period, in which the Universe has entered relatively recently. In this talk I will discuss inflation and dark energy, with some prominent examples of models and their observables. Then I will discuss quintessential inflation, which connects the two, focusing on the latest developments.

Authors: DIMOPOULOS, KONSTANTINOS (LANCASTER UNIVERSITY); DIMOPOULOS, Konstantinos

Presenters: DIMOPOULOS, KONSTANTINOS (LANCASTER UNIVERSITY); DIMOPOULOS, Konstantinos

Session Classification: CoCo