

Mini-Workshop: Theoretical implications on the first results of the Desi experiment

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Λ CDM Model and Cosmic Probes: Overview

Friday, 24 May 2024 11:00 (45 minutes)

The current status of the Λ CDM cosmological model is reviewed. The main observables and model constraints obtained from cosmic probes, such as standard “candles” like supernovae, “rulers” like the cosmic microwave background radiation and baryonic acoustic oscillations (BAO), and “chronometers” like the observational Hubble rate data are discussed. In particular, the BAO data release from the Dark Energy Spectroscopic Instrument (DESI) is introduced and compared with previous BAO data sets,

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