



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Cosmology and Fundamental physics with the Cosmic Microwave background

2122-86R-Cosmology

Title

Cosmology and Fundamental Physics with the Cosmic Microwave Background

Teacher(s)

Davide Poletti

Language

English

Short description

The course aims at showing how the next generation of Cosmic Microwave Background (CMB) observatories will constrain Cosmology and Fundamental Physics. Topics include inflation, acoustic oscillations in the primordial Universe, CMB temperature and polarization power spectrum from scalar perturbations and gravitational waves, gravitational lensing, and Sunyaev-Zel'dovich effect.

CFU / Hours

1 CFU / 8 Hours

Teaching period

March-April
