

Séminaire LAL

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mardi 27 juin 2017 à 11h00

ACTPol results and prospects for CMB S4

In this talk, I will present the temperature and polarization angular power spectra measured by the Atacama Cosmology Telescope Polarimeter (ACTPol). These spectra, and the spectra measured with the MBAC camera on ACT from 2008–10, have been used in combination with Planck and WMAP data to estimate cosmological parameters from the temperature, polarization, and temperature-polarization cross-correlations. I will also discuss the futur of ground based CMB experiments and I will focus in particular on the science that can be done with the forecoming CMB S4 cluster catalog which will contain 10^5 objects.

Salle 101 - Bât. 200, Orsay

Thé et café seront servis 15 mn avant le séminaire
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