



Seminarios de Física Teórica  
Fisika Teorikoa: Hitzaldiak

# Anisotropic Inflation and CMB

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**Abstract** It is well known that CMB data can be almost explained by inflation. However, there seems statistical anisotropy in the data. In conventional inflation, since the expansion is highly isotropic, it is difficult to explain the anomaly. In this talk, I will discuss anisotropic inflation induced by gauge fields and show that the anisotropic inflation gives rise to the statistical anisotropy in the CMB. This may have an important implication on future observations.

Seminar Room, Dept. of Theoretical Physics, Corridor 4.-2.

**FRIDAY, Sept. 18th, 2015**

**Time:11:40 am**