



Universidad del País Vasco
Euskal Herriko Unibertsitatea
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Seminarios de Física Teórica Fisika Teorikoa: Hitzaldiak

First Planck cosmological results

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Abstract The first cosmological results of the ESA Planck mission has been recently released. This mission, launched on May 2009 and having an important Spanish contribution, has been successfully measuring the Cosmic Microwave Background anisotropies until October 2013, providing the most precise all sky measurements. In this talk the Planck cosmological results published in 2013 will be presented and compared with the ones obtained by other experiments. The implications of those results on the standard cosmological model and alternative models will be reviewed. Special emphasis will be made on those analyses related to the anomalies found in the data and that are related to the studies of isotropy and Gaussianity. Finally, the properties of the complete data set of the mission that will be released sometime in 2014 will be presented.

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

Wednesday, January 26th, 2014

Time:11:40