



Contribution ID : 7

Type : **Plenary Revision Talk (1 hr)**

The Status of the Dark Matter Paradigm

Thursday, 20 October 2011 10:00 (1:00)

Abstract content

Doubtless the Lambda Cold Dark Matter (LCDM) model is one of the most successful models Science has created in the last time. Nevertheless, recently with the advance of new observational instruments, some problems of the model have been emerging. In this talk we speak about the successes and problems of the LCDM model and about some alternatives that could go beyond of LCDM.

Summary

Primary author(s) : Prof. MATOS, Tonatiuh (Departamento de Fisica, Centro de Investigacion y de Estudios Avanzados del IPN)

Presenter(s) : Prof. MATOS, Tonatiuh (Departamento de Fisica, Centro de Investigacion y de Estudios Avanzados del IPN)

Session Classification : Revision

Track Classification : Astroparticles, Cosmology, Strings and Beyond the Standard Model