



Séminaire du Laboratoire de l'Accélérateur Linéaire

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Jour et heure exceptionnels

Mercredi 2 Mai 2012 à 14 :00

Three tests of LambdaCDM

The observational evidence for the acceleration of the universe demonstrates that canonical theories of gravitation and particle physics are incomplete, if not incorrect. The next generation of astronomical facilities must both be able to carry out precision consistency tests of the standard cosmological model and search for evidence of new physics beyond it. I will describe some of these tests, and discuss prospects for facilities in which the CAUP Dark Side team is involved, specifically ESPRESSO, Euclid and CODEX. I will also comment on recent indications for new physics emerging from CMB data.

Salle 101 du LAL - Bât. 200, Orsay

Thé et café seront servis 1/4 h avant le séminaire



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