



Séminaire du Laboratoire de l'Accélérateur Linéaire

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Jour inhabituel

Jeudi 22 Janvier 2009 à 11 :00

Current status of the LSST project

The Large Synoptic Survey Telescope (LSST) will be a large, wide-field ground based telescope designed to obtain sequential images of the entire visible sky every few nights. The optical design involves a 3- mirror system with an 8.4 m primary, which feeds three refractive correcting elements inside a camera, providing a 10 square degree field of view sampled by a 3Gpixel focal plane array. The total effective system throughput, is nearly two orders of magnitude larger than that of any existing facility. The survey will yield contiguous overlapping imaging of 20,000 - 23,000 square degrees of sky in 6 optical bands covering the wavelength regime of 330-1100 nm. The LSST facility is organized in five sections; Science, project management, telescope, camera and data management/data acquisition. I will briefly touch on each of these subjects with some emphasis on the current status of the project.

Salle 101 du LAL - Bât. 200, Orsay

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



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