



Séminaire du Laboratoire de l'Accélérateur Linéaire

Vladimir Gligorov

CERN

Mardi 15 Fevrier 2011 à 11 :00

Time dependent CP violation measurements at LHCb

The startup of the LHC opens many new frontiers in precision flavour physics, in particular expanding the field of precision time-dependent CP violation measurements to the B_s^0 system. This seminar will review the status of time-dependent CP violation measurements at the LHC's dedicated flavour physics experiment, LHCb. Particular attention is given to the measurement of the CKM angle γ from the decay mode $B_s^0 \rightarrow D_s K$, a theoretically clean and precise method which is unique to LHCb. The performance of the LHCb detector for this and related modes will be reviewed in light of early data taking, and the outlook for these measurements in 2011 discussed.

Salle 101 du LAL - Bât. 200, Orsay

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



Responsables : N.Leroy (leroy@lal.in2p3.fr) - B. Viaud (viaud@lal.in2p3.fr)
<http://www.lal.in2p3.fr>