

COMMUNICATIONS OFFICIELLES

Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après.

OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading

SERVICE RESTREINT DES RESTAURANTS LORS DU JEÛNE GENEVOIS

Pour des raisons techniques, les locaux du Bâtiment 504, soit restaurant No 2, Bar, Kiosque, PTT, Banque, Association du Personnel, seront fermés le jeudi 6 (Jeûne genevois), le vendredi 7 et le samedi 8 septembre 1984.

Les cafétérias des Bâtiments 30, 31, 36 et 54 fonctionneront normalement le vendredi 7 septembre.

Le restaurant No 2 sera de nouveau ouvert le lundi 10 septembre.

Le restaurant No 3 à Prévessin sera fermé le jeudi 6 septembre.

Un service restreint sera assuré le jeudi 6 septembre au restaurant No 1 (Coop), Bâtiment 501, de 07h30 à 20h00 (restauration chaude de 11h30 à 14h00 et de 18h00 à 19h30).

Service de Liaison des Restaurants
Tél. 3189 / 3962

LIMITED RESTAURANT SERVICE - JEÛNE GENEVOIS

Please note that the Services located in Building 504, consisting of Restaurant n° 2, the Bar, the Kiosk, the Post Office, the Bank and the Staff Association premises, will be closed on Thursday 6 (Jeûne genevois), Friday 7 and Saturday 8 September 1984.

The coffee bars in Buildings 30, 31, 36 and 54 will be running a normal service on Friday 7 September.

Restaurant n° 2 will re-open on Monday 10 September.

Restaurant n° 3 at Prévessin will be closed on Thursday 6 September.

A limited service will be provided on Thursday 6 September at Restaurant n° 1 (Co-op), Building 501, from 07h30 to 20h00 (hot meals served from 11h30 to 14h00 and from 18h00 to 19h30).

Restaurant Liaison Service
Tel. 3189 / 3962

SEMINARS SEMINAIRES

Monday 27 August

EP SEMINAR

at 17.00 hrs - Auditorium

ASP : A new PEP detector to search for single photons

by Bob WILSON / SLAC

The Anomalous Single Photon (ASP) experiment is a hermetic, non-magnetic, 4π detector designed to search for final states consisting of only weakly interacting particles produced in electron-positron annihilation by using an anomalous single photon tag.

The detector consists of a central calorimeter of lead-glass/PWC layers, which defines the fiducial volume for the measurement. Five layers of thin-walled PWCs surround the beam-pipe in the central region; this provides a track vector pointing to the calorimeter to distinguish whether an electromagnetic shower was initiated by a charged or a neutral (no track) incident particle. The forward, veto, region is covered down to 20 milliradians by sets of lead/scintillator/PWC shower counters for energy measurement and planar drift chambers for position determination.

From a measurement of the inclusive process : $e^+e^- \rightarrow \gamma + \text{'nothing'}$, and an understanding of the backgrounds (QED, beam-gas, two photon...), limits on the masses of the supersymmetric s -electron and photino may be

derived in a quite model independent way. Ultimately the final constraint on the sensitivity of this measurement will come from the weak production of neutrino anti-neutrino pairs. Alternatively the measurement yields a limit on the number of neutrino species and hence the number of electroweak doublets in the standard theory.

Tuesday 4 September

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *

Evidence for a narrow massive state in the radiative decays of the upsilon

by E. BLOOM / Stanford University

Evidence is presented for a state, which we call Zeta, with a mass $M = (8322 \pm 8 \pm 24) \text{ MeV}$ and a line width $\Gamma < 80 \text{ MeV}$ (90% confidence level) obtained using the Crystal Ball NaI (Tl) detector at DORIS II. Radiative transitions to this state are observed from $\sim 100,000$ upsilon (1S) decays in two independent sets of data : one in which Zeta goes to multiple hadrons, and one which is strongly biased towards Zeta goes to two low multiplicity jets. The Branching Ratio to this state from the upsilon (1S) is $\sim 0.5\%$.

*) Tea and coffee will be provided at 16.00 hrs