

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

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

COURS DE LANGUES 1984-1985 COURS D'ANGLAIS

Un dépliant a été préparé pour donner certaines informations que les éventuels intéressés sont en droit d'attendre avant de demander leur inscription même à titre provisoire.

Ces renseignements sont présentés sous les rubriques suivantes :

1. **Apprentissage d'une langue étrangère**
 - 1.1. 'Miracle'
 - 1.2. Les conditions de succès.
2. **Les cours d'anglais du CERN**
 - 2.1. Conception des cours du CERN
 - 2.2. Démarche pédagogique
 - 2.3. Le 'contrat animateurs-participants'
3. **Structure actuelle des cours du CERN**
 - 3.1. Types de cours : durée, fréquence, horaires, taxes d'inscription, etc.
 - 3.2. Autres possibilités
4. **Procédure d'inscription provisoire**

Le dépliant contient également les bulletins d'inscription provisoire pour les cours qui débiteront en septembre 1984.

Les détails exacts des dates, horaires, etc. ne sont pas inclus, puisque le choix du cours dépend du niveau et des besoins linguistiques de la personne concernée.

La procédure d'inscription **provisoire** est justement destinée à fournir aux intéressé(e)s, quel que soit leur niveau actuel l'occasion de se renseigner sur les possibilités de formation les mieux adaptées à leur cas particulier, **sans engagement de leur part**.

Les dépliants sont disponibles en self-service au Secrétariat des Cours de Langues, Bât. 54, R-013. Les participants aux cours en 1983-1984 ayant exprimé leur désir de se réinscrire en 1984-1985 ne sont pas tenus de remplir un nouveau bulletin d'inscription.

INFORMATIONS **GENERALES** **GENERAL INFORMATION**

PO 84 – PORTES OUVERTES
15 septembre 1984

Physique à la cafétéria Coop

Dialogue avec le public, commentaires, appareillages, photos, maquettes...

- Si vous souhaitez participer
- Si vous avez des idées sur la manière de rendre accessibles au public les découvertes et la physique du CERN

LANGUAGE COURSES 1984-1985 FRENCH COURSES

A folder has been issued containing details which prospective students can expect to be given before enrolling even provisionally.

This information is presented under the following headings :

1. **Learning a foreign language**
 - 1.1. 'Miracles'
 - 1.2. Conditions of success
2. **French courses at CERN**
 - 2.1. Basic concept
 - 2.2. Teaching approach
 - 2.3. The 'contract between teachers and students'
3. **Present structure of CERN courses**
 - 3.1. General courses : duration, frequency, time-tables, fees, etc.
 - 3.2. Courses designed for particular needs
4. **Procedure for provisional enrolment**

The folder also contains the provisional application form for the courses due to begin in September, 1984.

The exact details of dates, time-tables, etc. are not included because the choice of course depends on the level and the linguistic needs of the person concerned.

The **provisional enrolment procedure** is indeed intended to provide prospective applicants, whatever their present level, with information about the most suitable course in their particular case, **involving no firm commitment at this stage**.

The folder can be picked up at the Language Courses Secretariat, building 54, R-013. Participants in the 1983-1984 courses having already expressed their desire to re-enrol in 1984-1985 are not required to complete a new application form.

PO 84 – OPEN DAY
15 September 1984

Physics at the Coop-cafeteria

Dialogue with the public, explanations, apparatuses pictures, models...

- If you wish to participate
- If you have ideas about how to make CERN physics and discoveries accessible to the public