

Divers

A la suite de propositions du Comité de surveillance des restaurants, le CCP a convenu de recommander que les zones fumeurs des restaurants n° 1 et n° 2 soient limitées aux zones de ce type autorisées actuellement dans les cafétérias. Le Groupe de prévention de l'alcoolisme doit être consulté au sujet des heures autorisées pour la vente d'alcool dans les restaurants.

La prochaine réunion ordinaire du Comité de concertation permanent est prévue pour le mercredi 27 avril.

UTILISATION DES VÉHICULES DU CERN

Lors de récents contrôles, les Douanes françaises ont constaté que des membres du personnel utilisent des véhicules de l'Organisation pour un usage privé : déjeuner, courses, transport d'effets personnels. De fortes taxes et amendes leur ont été infligées. De son côté, l'Administration a interdit à un fonctionnaire d'utiliser désormais un véhicule du CERN et d'emprunter la voie de passage reliant les différentes parties du domaine. Elle a interdit, à un autre membre du personnel, d'utiliser pendant deux mois un véhicule du CERN.

Il est rappelé aux membres du personnel que, conformément au *Règlement relatif aux conditions d'utilisation des véhicules appartenant au CERN ou loués par lui* (Réf. AG-OF/RH/3500, juillet 1991), l'utilisation d'un véhicule du CERN doit se faire uniquement *dans le cadre du travail et pour un usage officiel*.

Relations avec les Pays-hôtes
Tél. 5152

SEMINARS SEMINAIRES

Wednesday 6 April

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Non-locality in effective actions at finite temperature

by I. AITCHISON / Oxford and CERN

Thursday 7 April

SPECIAL THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Radiative corrections to the decay $\tau \rightarrow \pi \nu_\tau$

by O. FINKEMEIER / Karlsruhe University

We have calculated the radiative corrections to the decay $\tau \rightarrow M \nu_\tau$ ($M = \pi, K$), taking into account the point meson contribution, hadronic structure dependent effects (in radiation and in loops), and short-distance corrections. As for the radiative decay, we have examined whether the width of the a_1 and the ratio $\gamma = F_A(0) / F_V(0)$ can be measured in $\tau \rightarrow \pi \nu_\tau \gamma$. Adding up hard, soft and virtual photonic corrections, we have obtained the radiative corrections to the ratio $\Gamma[\tau \rightarrow M \nu_\tau(\gamma)] / \Gamma[M \rightarrow \mu \nu_\mu(\gamma)]$. We have found that our result is rather insensitive to the choice of the scale μ separating long and short distances.

The next regular meeting of the Standing Concertation Committee is to take place on Wednesday 27 April 1994.

THE USE OF CERN VEHICLES

During recent inspections the French Customs have noticed that members of the personnel are using CERN vehicles for private use – going to lunch, shopping, carrying personal items – and heavy fines and taxes have been imposed. The Administration has itself banned one such person from using a CERN vehicle from now on and from using the tunnel linking the different parts of the CERN site. Another member of the personnel has also been banned from using a CERN vehicle for two months.

Members of the personnel are reminded that, in accordance with the *Regulation governing the use of vehicles belonging to or hired by CERN* (Ref. AG-OF/RH/3599, July 1991), the use of CERN vehicles is authorised only in the course of duties and for official use.

Relations with the Host States
Tel. 5152

Friday 8 April

SEMINAR ON HEAVY QUARK PHYSICS WITH LEP

at 10.00 hrs – TH Conference Room

Semileptonic beauty and charm decays

Status and perspectives at LEP

The yield and energy spectrum of leptons from charm and beauty quarks are an important test for our understanding of the interplay of weak and strong interactions. Their knowledge is furthermore of vital importance for many of the high precision tests of the electroweak theory at LEP. The theoretical understanding and experimental evaluation of the semileptonic decays of beauty and charm at LEP will be presented in this seminar in separate contributions by a theorist and an experimentalist.

Friday 8 April

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Phenomenology and high precision physics

Monte Carlo

by Z. WAS / CERN-TH

Due to the increase of precision of high-energy experiments, the use of the Monte Carlo programs to model theoretical predictions in a form identical to the one obtained from the detector in many cases becomes imperative. In the following, we will discuss applications using as an example LEP 1 observables such as :

– tau polarization,

- forward-backward asymmetry of muons
- luminosity cross-section.

Presentation of the new version of the KORALZ Monte Carlo program will be given as well as a discussion of advantages and disadvantages of analytical and Monte Carlo calculation methods.

Monday 11 April

PPE SEMINAR

at 16.30 hrs – Auditorium

Improved measurement of LEP luminosity in L3

by Marcel MERK / Carnegie Mellon University

One of the limiting factors on the determination of the mass and width of the Z boson is the precision of the luminosity measurement. The L3 experiment has installed a silicon tracker in front of a BGO crystal calorimeter to allow a more precise measurement. The calorimeter is used to identify showers from Bhabha events. The silicon tracker determines the impact point of the electron or positron. The performance of this setup will be discussed. A precise knowledge of the geometry of the silicon tracker allows an accurate determination of the fiducial volume used to detect Bhabha events. The high detector granularity leads to a reduced error assigned to the event selection. Together they give rise to an improved measurement of the luminosity. Preliminary results of a more precise measurement of the mass and the width of the Z boson using the 1993 data will be presented.

Tuesday 12 April

CERN COLLOQUIUM

Talk given on the occasion of a celebration of
T.T. Wu's 60th birthday

at 16.30 hrs – Auditorium*

T.T. Wu – The most focused and persevering physicist I know

by C.N. YANG / Institute for Theoretical Physics, State
University of New York Stony Brook

* Tea & coffee will be served at 16.00 hrs.

Wednesday 13 April

PS SEMINAR

at 11.00 hrs – PS Auditorium

Fermilab accelerator performance in the current collider run

by Michael CHURCH / Fermilab, U.S.A.

Thursday 14 April

PRESENTATION

at 09.00 hrs – CN Auditorium
bldg 31/3-005

Alpha AXP in Realtime & Embedded Applications

by DIGITAL

Jeudi 14 avril*

SEMINAIRE MT

à 09.00 h – Amphithéâtre AT

Composants et fonctions principales des accélérateurs Séparateurs

par W. KALBREIER / CERN-SL

* Veuillez noter le changement de date

Friday 15 April

AC SEMINAR

10.30-12.30 hrs – Auditorium AT
bldg 30, 7th floor

Design and implementation of the Survey Database using ORACLE*CASE

by Tapan BHATTACHARJEE & Dominique MISSIAEN /
CERN-AT

EDUCATION SERVICES EDUCATIFS

L'ANGLAIS DE L'INFORMATIQUE DESTINE AUX FRANCOPHONES

Quelques places sont encore disponibles dans le cours de
niveau avancé qui aura lieu du :

12 avril au 10 mai
mardi et vendredi, de 08h30 à 10h30
Prix : 500,- Frs.

Si vous êtes intéressé(e) par ce cours, veuillez contacter au
plus tôt U. Liptow, tél. 2957, MACMAIL.