



COMMUNICATIONS OFFICIELLES

OFFICIAL NEWS

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

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**Circulaire administrative no 13 (Rév. 2)
Novembre 1992
GARANTIES ACCORDÉES
AUX MEMBRES DU PERSONNEL
AYANT UN MANDAT DE REPRÉSENTATION**

La Circulaire administrative concernant les garanties accordées aux Membres du Personnel ayant un mandat de représentation a été modifiée.

Des exemplaires sont disponibles aux Secrétariats de Division.

Division du Personnel
Tél. 4128

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

Reproduction of all or part of this information by persons or institutions external to the Organization requires the prior approval of the CERN management.

**Administrative Circular No 13 (Rev. 2)
November 1992
GUARANTEES
FOR MEMBERS OF THE PERSONNEL
HOLDING REPRESENTATIVE OFFICE**

The Administrative Circular concerning Guarantees for Members of the Personnel holding representative office has been modified.

Copies are available in the divisional secretariats.

Personnel Division
Tel. 4128

SEMINARS SEMINAIRES

Monday 7 December

PPE SEMINAR

at 16.30 hrs – Auditorium

The DELPHI Microvertex Detector

by Magnus KARLSSON / CERN (now at Stockholm University)

In operation since the start of the 1990 LEP run, and with three layers of silicon microstrip detectors, the Microvertex Detector is the key ingredient in many physics analyses. A brief description of the construction and operation of this detector is followed by a detailed presentation of its performance in DELPHI.

Tuesday 8 December

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Recent results on neutrino-electron scattering

by Rolf BEYER / CERN-PPE

Five years after the first exposure of the detector to the CERN neutrino beam, data taking for the CHARM II experiment ended in August 1991. The major aim of the experiment was to study elastic scattering of muon-(anti)-neutrinos off electrons. Altogether about 3000 candidate events for each of the two reactions $\nu_\mu e \rightarrow \nu_\mu e$ and $\bar{\nu}_\mu e \rightarrow \bar{\nu}_\mu e$ were found. These high statistics enabled us to determine electroweak parameters such as the electroweak mixing angle $\sin^2 \Theta_W$, the r -parameter, and the weak coupling constants g_V^e and g_A^e with the highest precision achieved so far in a ne -experiment. For the first time the shapes of the y -distributions for $\nu_\mu e$ -scattering were determined in a model independent way. A comparison of these results with those obtained at LEP yield an interesting test of the Standard Model at the level of radiative corrections.

* Tea and coffee will be served at 16.00 hrs