

detector during the two exposures is (83 ± 16) neutrino-electron events and (112 ± 21) antineutrino-electron events, leading to the final result $\sin^2 \theta_W = 0.215 \pm 0.032$ (stat.). The systematic error is estimated to be ± 0.012 .

Other recent measurements of the mixing angle in purely leptonic reactions will be discussed and an outline of future experiments will be given.

* Tea and coffee will be provided at 16.00 hrs.

Monday 18 February

EP SEMINAR

at 16.30 hrs-Auditorium

Prompt positrons at low PT in
63 GeV pp collisions

by Vincent HEDBERG/CERN-EP

The production of inclusive prompt positrons at low PT has been measured by the AFS-collaboration at the CERN I SR. The data show a strong increase in the positron/pion ratio below PT = 0.3 GeV/c which cannot be explained by the semi-leptonic decay of charmed particles, other known hadronic decays, or hadron bremsstrahlung.

Tuesday 19 February

SPECIAL EP SEMINAR

at 14.30 hrs - Auditorium

Observation of a neutrino signal from
Cygnus X-3 with the 1MB experiment

by J.G. LEARNED / University of Hawai

PLEASE NOTE UNUSUAL DAY

Tuesday 19 February

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs-Auditorium

Do neutrinos decay? Do they oscillate?

by F. VANNUCCI / LPNHE, University of
Paris VI & VII

Wednesday 20 February

DD SEMINAR

at 16.00 hrs - DD Amphitheatre
(bldg.31,3rd floor)

Database aspects during the development of the
database for the personnel monitoring service

by M. REITENSPIESS

Thursday 21 February

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

Measurement of the electron asymmetry

in the beta decay of the polarized sigma minus
hyperon. Results from a Tevatron experiment
at Fermilab

by Per GRAFSTROM/CERN and University of
Uppsala

TRAINING AND

EDUCATION

ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tel. 2844

Jeudi 14 février

de 13.00 h à 13.30 h - Amphitheatre

Science pour tous

par R. CARRERAS

Mardi 12 février

LES SCIENCES AUJOURD'HUI

à 20.00 hrs précises - Auditorium

(jusqu'à environ 22.00 hrs)

par R. CARRERAS

3^e soirée

(Prochaine séance: le mardi 12 mars)

Rafel Carreras, responsable du programme d'Enseignement general au CERN, comment era et expliquera un choix d'articles parus récemment dans des revues scientifiques, et qui couvrent l'ensemble des sciences physiques et biologiques ainsi que certains aspects des relations science-société.

**Une attention particulière est portée au langage et aux notions utilisées afin que les explications et les commenta-
tes soient accessibles aux personnes n'ayant pas de formation scientifique.**

Entree libre.

(Please note that the conference will be given in
FRENCH.)

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