

SEMINARS SEMINAIRES

Monday 17 December

EF SEMINAR

at 11.00 hrs – EF Conference Room,
bldg. 13, 2-005

**A simple, high precision, vertex chamber for
improving the B-lifetime measurement at PEP**

by F. MULLER / CERN-EP

An unexpectedly large (about 10^{-12} sec) B-lifetime has been measured at PEP and later at PETRA-however with a substantial uncertainty (about $0.5 \cdot 10^{-12}$ sec in each of four experiments). To ascertain this important result the MAC group has built a pressurized vertex chamber made of aluminized mylar tubes; a single-wire accuracy of about 20 microns has been measured on a model. The study and test results will be presented and the assembly of the chamber will be described. The whole project was completed in less than a year and the detector is now running in at PEP.

Tuesday 18 December

CERN COLLOQUIUM

at 11.00 hrs – Auditorium*
(Please note special time)

Nobel lectures :

**Stochastic cooling and the accumulation
of antiprotons**

by Simon van der MEER

**Experimental observation of the intermediate
vector bosons W and Z**

by Carlo RUBBIA

This colloquium will be retransmitted (sound and vision) to the Council Chamber and to the LEP Auditorium (building 30, 7th floor).

*Tea and coffee will be provided at 10.30 hrs.

Mercredi 19 décembre

**VOUS ETES PRIES DE NOTER
LE CHANGEMENT DE JOUR**

PRESENTATION TECHNIQUE

09.00 à 16.30 h – Bus démonstration,
parking PTT, bât. 63

FACOM (F), représenté par FACOM SA (CH), expose sa gamme d'outillage pour l'électronique, l'électricité, la mécanique et la micro-mécanique. Sont également incluses les valises correspondantes de maintenance et d'intervention sur le site.

Langues : allemand, français

Renseignements : M. Diraison / FI/4585

TRAINING AND EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING

Tel. 2844 – 3364

Second Term Programme

21, 22, 23, 24 et 25 janvier

11.00 à 12.00 h – Amphithéâtre

**Base de données et systèmes relationnels
(in French)**

par C. DELOBEL / Université de Grenoble
et IMAG

6, 7 and 8 February

11.00 to 12.00 hrs – Auditorium

Composite models of leptons and quarks

by R. PECCEI / DESY, Hamburg

25, 26, 27, 28 February

1 March

11.00 to 12.00 hrs – Auditorium

Superconducting components for accelerators

by H. LENGELER, J. TÜCKMANTEL,
R. PERIN and M. MORPURGO / CERN

6, 7 and 8 March

11.00 to 12.00 hrs – Auditorium

**From the photons to the neuronal signals :
visual transduction and related biological
problems**

by M. CHABRE / CNRS & CEN, Grenoble

11, 12, 13, 14 and 15 March

11.00 to 12.00 hrs – Auditorium

Heavy flavours

by R. RÜCKL / University of Munich, and
S. REUCROFT / CERN

25, 26*, 27, 28 and 29 March

11.00 to 12.00 hrs – Auditorium

(* 14.00 to 15.00 hrs – Auditorium)

e^+e^- physics

by G. FLÜGGE / Nuclear Physics Institute,
Karlsruhe

The abstract of the lectures (together with any change of dates, time or place) will be published in the CERN Bulletin and on noticeboards about two weeks before each series of lectures.