

Monday 12 December

EP SEMINAR

at 17.00 hrs – Auditorium

Inner-shell excitations, density effect and transition radiation

by A. SORENSEN / CERN-EP

During the last decade a number of inner-shell excitation experiments have been performed for GeV particles to search for a 'density effect' in the vacancy production, similar to the one found in energy-loss measurements, but all seem to have indicated its non-existence. This pattern has now been broken by the demonstration, by PS188, of a pronounced density effect in Al and Cu K-shell excitations. In the seminar we shall present these results and discuss how the apparent contradiction to the earlier measurements may be explained by an interplay between the density effect and its counterpart, the closely related transition radiation.

Tuesday 13 December

SPECIAL EP SEMINAR

at 11.15 hrs – PS Auditorium (bldg. 6, 2-024)

Antinucleon interactions with nucleons and nuclei

by C. DOVER / Brookhaven Nat. Lab.

Mercredi 14 décembre

SEMINAIRE PS

à 11.00 h – Auditorium PS (bât. 6, 2-024)

Le PS injecteur de LEP : les conséquences de l'accélération des électrons et des positrons

par Y. BACONNIER / CERN-PS

Wednesday 14 December

DD SEMINAR

at 16.00 hrs – DD Amphitheatre (bldg. 31, 3rd fl.)

Engineering a large process controls application project : the CERN 28 GeV accelerator complex

by A. DANEELS / CERN-PS

Note : the seminar will be given in French.

Friday 16 December

CAS ACCELERATOR SEMINAR

at 14.30 hrs – Auditorium

Highlights of ISR physics

by G. BELLETTINI / CERN-EP

This will be a seminar for non-specialists and will terminate the series of annual seminars that was traditionally given by the ISR co-ordinator to the ISR Division.

BULLETIN CERN

49/83 – 5.12.83

POUR INFORMATION / FOR INFORMATION

NOTER LE CHANGEMENT DE JOUR

Vendredi 9 décembre

SEMINAIRE DU LAPP

Laboratoire d'Annecy-le-Vieux de
Physique des particules, Chemin de Bellevue,
B.P. 909, 74000 Annecy-le-Vieux CEDEX, France

à 10.30 h – Amphithéâtre du Laboratoire

Propriétés des désintégrations de l'hypéron Ω^- mesurées dans un échantillon de 16000 Ω^- recueilli au faisceau hypéron du CERN

par R. STRUB / Centre de Recherches nucléaires de Stasbourg

CE SEMINAIRE, INITIALEMENT PREVU LE 2 DECEMBRE, A ETE DEPLACE.

TRAINING AND

EDUCATION

ENSEIGNEMENT

ENSEIGNEMENT GÉNÉRAL

Tél. 2844

Jeudi 8 décembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844

7, 8 and 9 December

at 11.00 hrs – Auditorium

The experimental approach to W and Z physics

by P. DARRIULAT / CERN

Lectures 1 to 3

12, 13, 14 and 15 December

at 11.00 hrs – Auditorium

Programming for the Motorola 68000 micro processor

by H. VON EICKEN / CERN

The programming model of the Motorola 68000 micro processor will be described and information about using cross software for program development will be given.

The lecture series is intended for people familiar with computer programming who would like to obtain sufficient information to get started on M 68000 programming. Whenever possible programming examples will be used to explain the concepts described.

It is intended to adhere to the following time table :

Monday 12 December

11.00 hrs – Auditorium

M 68000 programming model : register set, address modes, instruction set, exception processing.

Tuesday 13 December

11.00 hrs – Auditorium

M 68000 programming model : (continuation)

Wednesday 14 December

11.00 hrs – Auditorium

Parameter passing, stack management, proposed CERN programming convention.

Thursday 15 December

11.00 hrs – Auditorium

Cross software environment and debugging tools.

INFORMATIONS

GENERALES

GENERAL INFORMATION

**PUBLICATION DU BULLETIN
DE FIN D'ANNEE**

La dernière édition (n° 51/83) du Bulletin hebdomadaire de l'année 1983 paraîtra, sinon le vendredi 16 décembre, en tout cas le plus rapidement possible dès la fin des dernières réunions des Comités de décembre, et couvrira les événements au CERN des périodes des 19-23 décembre ET 2-6 janvier 1984.

Les annonces pour publication dans cette dernière édition devront parvenir à la Section Publications, ou à l'Association du Personnel (selon les cas) avant midi, le mardi 13 décembre.

La première édition (n° 1-2/84) du Bulletin de l'année 1984 paraîtra le vendredi 6 janvier (délai d'insertion le mardi 3 janvier à midi).

Section Publications
Tél. 3475/4106

**END-YEAR PUBLICATION
OF WEEKLY BULLETIN**

The final edition (No. 51/83) of the Weekly Bulletin for 1983 will appear on Friday 16 December (or as soon as possible thereafter, so as to carry news of the December Committee Meetings), and will cover events at CERN during the periods 19-23 December 1983 AND 2-6 January 1984.

Announcements for publication in this issue should reach Publications Section or the Staff Association (as appropriate) by noon on Tuesday 13 December.

The first edition No. 1-2/84 of the Weekly Bulletin for 1984 will appear on Friday 6 January (deadline noon on Tuesday 3 January).

Publications Section
Tel. 3475/4106

ON RECHERCHE

S. Bidon recherche un GAUSSMETRE RFL n° inventaire DB14 qui a été emprunté dans son bureau du 4^e étage du bâtiment 30, Division LEP. Prière de le lui rapporter, il en a un besoin URGENT. Merci d'avance.

S. BIDON
Tél. 3731/4313