

6. Concluding remarks

- Cases of separation, divorce and death can be more complicated for the members of the family due to their expatriation, their dependence on CERN for social security and residence, the difference between CERN conditions and Host Country norms, etc.
- The Social Work Section, Personnel Division is authorised to offer advice and assistance to both members of the personnel and their families, in confidence, and together or separately. However, no personal information about the member of the personnel can be given other than to the authorities of States and with the knowledge of the former (see Administrative Circular No. 10 dated November 1980).
- In the event of the death of a member of the personnel, the Social Work Section is mandated to take contact with the bereaved family and to give such practical assistance as is needed. This includes, but is not limited to, questions of repatriation, residence permits, insurance claims, information on where to obtain legal and financial advice.
- It is therefore important that members of the personnel ensure that Personnel Division holds up-to-date information on names and addresses of persons to be informed in case of serious accident, illness or death. Such persons need not be the legal next-of-kin and, in any case, their nomination has no legal significance.

Social Work Section
Personnel Division
Tel. 4201

SEMINARS

SEMINAIRES

MONDAY 23 FEBRUARY

EP SEMINAR

at 17.00 hrs - Auditorium

"Measurement of High Mass Flavour Production at the ISR (SFM)"

by A. Contin / CERN

Abstract : Recent results obtained at the ISR by the CERN-Bologna-Frascati collaboration (R415 experiment), using the SFM detector, will be presented. The associated production of Λ^+ baryons, detected via their hadronic decay, and of anti-charmed particles, whose signature was the triggering electrons, has been studied and the cross section measured. Details of the Λ_c^+ fractional momentum distribution are inferred both from the experimental data and from a comparison with existing inclusive e/π measurements.

TUESDAY 24 FEBRUARY

PRESENTATION TECHNIQUE

- 09h00/12h00 : Salle 2-027, Bât.73 (CERN Meyrin)
- 14h00/16h00 : Salle 2-A05, Bât. 864 (CERN Prévessin)

BOURNS S.A. (Suisse), représentant PRECISION MONOLITHICS INCORPORATED/PMI (USA), présente :

amplificateurs de précision, références de tension basées sur le principe "silicon band gap", convertisseurs monolithiques en technologie bipolaire "sample and hold".

Langue : Anglais.

Renseignements : M. Diraison / FI / 4585.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"A Study of Deep Inelastic Hadron Scattering with a 2π Calorimeter Trigger"

by P. Seyboth / MPI, Munich

Abstract : Preliminary large p_T and large transverse energy cross sections of 150, 300 GeV pions and protons on hydrogen measured with a large acceptance, segmented calorimeter are presented. Little evidence is seen for narrow jet production. Processes other than the scattering of two constituents appear to dominate this deep inelastic hadron scattering process.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

WEDNESDAY 25 FEBRUARY

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"No-Go Theorem for Chiral Fermions
on a Lattice"

by H.B. Nielsen / Niels Bohr and NORDITA,
Copenhagen

Abstract : Under certain assumptions we prove that the number of left- and right-handed species for Weyl fermions with a given combination of charges must be equal in a lattice theory. The main assumptions are locality and exact conservation of the charges even at the lattice scale. This exposes the difficulties of making a chiral invariant lattice QCD theory. It is also a no-go theorem for putting weak interactions on a lattice.

THURSDAY 26 FEBRUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"A Review of Results from the WA3
Experiment at the SPS"

by P. Weilhammer / CERN

Abstract : A detailed study of exclusive and inclusive hadronic reactions in the energy range from 60 GeV to 100 GeV has been performed using a large acceptance forward magnetic spectrometer. A review of major results obtained from this experiment will be given. Emphasis is put on results which add new information on the spectroscopy of light quarks.

*) **Note** : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

MONDAY 2 MARCH

EP SEMINAR

at 17.00 hrs - Auditorium

"Comparative Yields of Alkali Elements
and Thallium from Uranium Irradiated with
GeV protons, ^3He and ^{12}C "

by H. Gustafsson / CERN

TUESDAY 3 MARCH

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"SPS Experiments in 1979/1980. Part

by J. May / CERN

WEDNESDAY 4 MARCH

OPEN MEETING ON LEP

at 14.00 hrs - Auditorium

Agenda :

1. Progress on LEP - H. Schopper.
2. LEP Experiments - E. Gabathuler.
3. Low-Beta Insertions (Parameters, Geometry Quadrupoles) - A. Hutton.
4. The Insertions at PETRA (Low- and Mini β , Vacuum Chambers, Synchrotron Radiation, Compensation of Experimental Magnets) - G. Wolf.

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

THURSDAY 26 FEBRUARY

ENSEIGNEMENT GENERAL

(Tél. 2844)

13h00/13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras

TUESDAY 3, WEDNESDAY 4 AND THURSDAY 5 MARCH

ACADEMIC TRAINING

(Tel. 2844)

11h00 - Amphithéâtre

"Mécanique quantique et réalité"

par B. d'Espagnat / Univ. de Paris-Sud

Résumé : "Les tenants de l'atomisme ont dû se rendre à l'évidence que leur science (...) ne peut plus décrire une "nature en soi" ". Cette phrase de Heisenberg pose un problème. Notre physique des particules est incontestablement un ensemble de recettes qui marchent bien. Ne serait-elle que cela? Peut-on parler d'une réalité "en soi" sous-jacente? La physique décrit-elle celle-ci? Peut-on au moins en cerner quelques traits?

Des développements récents (théorème de Bell et expériences y relatives) paraissent ouvrir, en ce qui concerne ces questions, des voies d'approche qui ne sont plus exclusivement philosophiques : qui ne sont plus des cheminements a priori. Ces développements seront décrits et leurs conséquences discutées.