

COMMUNICATIONS OFFICIELLES

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

COMITE CONSULTATIF PERMANENT - Mise au point

La phrase ajoutée dans le dernier communiqué commun, à la demande de l'Association du Personnel, pour préciser que la version en français fait foi concerne les informations publiées dans la partie du Bulletin hebdomadaire réservée à l'Association du Personnel et non le communiqué commun ou toute autre information paraissant dans la rubrique des communications officielles. Les textes publiés dans cette dernière rubrique sont traduits de la langue originale par les soins du Service officiel de traduction de l'Organisation.

STATUT ET REGLEMENT DU PERSONNEL - Fiches d'information

L'état récapitulatif des fiches d'information en service au 1er avril 1979, ET la fiche d'information intitulée : "ACCIDENTS ET MALADIES PROFESSIONNELS" qui vient de faire l'objet d'une révision (*) seront disponibles au SECRETARIAT DE VOTRE DIVISION à partir du lundi 7 mai 1979.

J.F. Barthélémy / Tél. 2855

(*) Votre attention est particulièrement attirée sur les points 6 à 9, 12 et 15 de la fiche.

SEMINARS SEMINAIRES

MONDAY 7 MAY

TECHNICAL PRESENTATION

at 14.15 hrs - DD Conference Room
(Bldg. 31 - 3rd floor)

"Presentation of a new Tektronix Software Package"

by H. Hvistendahl / Tektronix International, Amsterdam

Abstract : Mr. Hvistendahl from Tektronix International in Amsterdam will present a new modular graphic software package in FORTRAN for mini and large computers. This package, called Plot-10 IGL (Interactive Graphic Library) is device-independent and supports all Tektronix equipment. It is structured to allow inclusion, or exclusion, of features and device drivers via a MORTRAN pre-processor. The advanced features include ZD, line smoothing, segmentation, solid areas panelling and a special text option. This presentation will include a live demonstration of the main features of the package and of the new Tektronix colour graphics terminal (the 4027).

OFFICIAL NEWS

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

STANDING ADVISORY COMMITTEE - Clarification

The phrase added at the request of the Staff Association in the last joint bulletin stating that the version in French is authoritative refers to information published under the heading of the Staff Association Bulletin, and not to the joint communiqué, or other information published under the heading of Official News. The information printed under the latter heading is translated from the original language by the official translation service of the Organization.

STAFF RULES AND REGULATIONS - Information Sheets

The list of Information Sheets in force as of 1st April 1979 AND the information sheet entitled 'OCCUPATIONAL ACCIDENTS AND ILLNESSES' which has just been revised (*) will be available at EACH DIVISION SECRETARIAT as from Monday 7 May 1979.

J.F. Barthélémy / Tel. 2855

(*) Your attention is particularly drawn to points 6 to 9, 12 and 15 of the Information Sheet.

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of building 30)

"Simulation of beam-beam effects in storage rings"

by E. R. Close / LBL

TUESDAY 8 MAY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"Production of u^0 and n at very high transverse momenta"

by T.A. Filippas / National Technical University, Athens

Abstract : The Athens-Brookhaven-CERN-Syracuse collaboration has performed an experiment at the ISR based on the detection of high momentum photons in a lead-liquid argon calorimeter. The inclusive spectrum of TP^0 production has been

measured up to $p^{\wedge} - 6$ GeV with the decay photons resolved, and up to 15 GeV with the -two photons merged. The $r|$ inclusive spectrum has been measured, using resolved two photon decays, up to $pt - 10$ GeV.

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

WEDNESDAY 9 MAY

PRESENTATION TECHNIQUE

de 09h00 à 16h30 - Salle 1-007
Bâtiment 17 (D4 plan CERN)

CHAUVIN ARNOUX (F) présente : indicateurs numériques de tableaux, indicateurs linéaires à colonne lumineuse, convertisseurs de mesure, régulateurs de température, ensemble surveillance température, enregistreurs monocourbe, bicourbe, tables XY, X2Y, enregistreurs de transitoires, centrale de mesure et de surveillance, consigneurs d'état, capteurs de déplacement à transformateur différentiel.

Langue : Français.

Renseignements : M. Diraison / FI / 4585.

ISR COMMITTEE

- at 09.30 hrs - Council Chamber

9.2.É---É-É.ī[^]

1. Information from the Research Director-General, L. Van Hove.
2. Status report from experiment R 501, Search for Magnetic Monopoles; P. Musset.
3. Presentation of Proposal P 101, p-a and a-a collisions in the ISR; M.A. Faessler.

- at 11.30 hrs - Sixth Floor Conference Room
(Administration Building)

Closed Session

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Potential models of new particles"

by A. Martin / CERN

Abstract : Once one accepts the approximation in which the J/ψ family and the T can be described as quark-antiquark systems interacting via a non-relativistic potential a certain number of exact results can be obtained concerning the order and the spacing of the levels, the leptonic widths, and the comparison between the two systems (if the potential is assumed to be flavour-independent). Of particular interest are:
- the determination of the charge and of the mass of the quark constituent of the T ;
- the prediction of the leptonic width of the T .

DP SEMINAR

at 16.00 hrs - DD Conference Room
(Building 31 - 3rd floor)

"Analysis versus intuition (or the usefulness of analysis in operations research)"

by T. Lindelof / CERN

Abstract : It is not difficult to find, in the realm of most sciences, examples of problems which have long foiled systematic attacks, but have ultimately been solved all of a sudden, as by a flash of genius. These examples are often taken as substantiation of various opinions concerning the relative importance of 'analysis' and 'intuition' in problem solving. It is, however, difficult, if not impossible, to validate any such inference. It is, for example, impossible to assess the extent - sometimes completely overlooked - to which intuition is in fact guided by previous analysis in the solution of a specific problem. In any discussion of analysis versus intuition, there is no ignoring the fact that just as there are many examples of problems that have been solved as by a flash of genius, there are many examples of paradoxes, i.e. problems to which the intuitive solutions are simply wrong. The purpose of this talk is to present a small collection of problems from the field of operations research having solutions which are different from, or even contrary to what intuition would suggest.

THURSDAY 10 MAY

ESQ ASTROPHYSICS SEMINAR

at 14.00 hrs - DD Conference Room
(Building 31 - 3rd floor)

"Abundances and chemical evolution of irregular and spiral galaxies"

by L. Vigroux / Saclay

Abstract : After discussing some new abundance determination in spirals and irregular galaxies, we try to interpret these results in the frame of chemical evolution models. A particular emphasis will be made on abundance gradient and comparison between spiral and irregular galaxies.

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"The structure of hard processes from QCD"

by D. Amati / CERN

Abstract : It is shown how the structure of jets produced in hard processes is predictable in QCD irrespectively of the details of the hitherto unmastered confinement mechanism. Some properties, as asymptotic behaviour of hadron multiplicities and transverse momenta, appear to be very different from those of the usual (backward-forward) jets in hadron-hadron collisions.

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

TUESDAY 15 MAY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"2 photon physics at e⁺e⁻ storage rings"

by John Field / DESY, Hamburg

POUR INFORMATION / FOR INFORMATION

VENDREDI 11 MAI

SEMINAIRE DU LAPP

à 10h30 - Amphitheatre du LAPP

Laboratoire d'Annecy-le-Vieux de Physique des
Particules - chemin Bellevue - Annecy-le-Vieux,
(Haute-Savoie, France)

"Bootstrap theory of quarks"

by Prof. G. Chew / CERN

Renseignements complémentaires auprès de Henri
Pessard, CERN/EP, Tél. 6526, ou Laboratoire
d'Annecy-le-Vieux, Tél. (023) 23.32.45, int. 327.

TRAINING AND EDUCATION ENSEIGNEMENT

(Secrétariat: Tél.2844)

JEUDI 10 MAI

ENSEIGNEMENT GENERAL

de 13h00 à 13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras

TUESDAY 8 MAY AND WEDNESDAY 9 MAY

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Minimization and the shape of the
likelihood function"

by F. James / CERN
(Lectures 1 & 2)

Abstract : The statistical information in a given experiment, relative to a given theoretical framework (parametrization) is usually expressed as a function of the parameters of that theory, such as the negative log-likelihood function or the chi-square function. The important features of that function are then : (1) the position of its minimum, or minima if more than one, and (2) the shape of the function around the minimum. The first part of this course will treat methods of finding the minimum or minima, and in the second part the shape of the function and its interpretation in terms of the uncertainties in the errors of the fitted parameters will be treated.

TUESDAY 15 MAY AND WEDNESDAY 16 MAY

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Minimization and the shape of the
likelihood function"

by F. James / CERN
(Lectures 3 & 4)

INFORMATIONS

GENERALES GENERAL INFORMATION

DANGERS POUR LES NETTOYEURS

En complément à l'article paru dans le Bulletin No. 11119, nous informons le personnel responsable de labos ou de zones à haut risque (radioactivité, haute tension, gaz explosifs, etc.) qu'il peut se procurer auprès du Service de Nettoyage le panneau représenté ci-dessous, et déjà largement utilisé, pour interdire au personnel de nettoyage l'accès des locaux ou zones précités.



Ce panneau est à la disposition des demandeurs au SERVICE NETTOYAGE SB, bâtiment 570, téléphone 3753.

De même, nous demandons à tout le personnel d'éviter de mettre dans les poubelles de bureaux des objets risquant de blesser les nettoyeurs, tels que : lames de bistouris, débris de verre, morceaux de tôles, etc.

Ceux-ci doivent être emballés soigneusement ou déposés directement dans les containers situés à l'extérieur des bâtiments.

Pour l'élimination de tout débris susceptible d'être considéré comme radioactif, vous êtes priés de prendre contact avec le service compétent :

Division HS, Groupe Radioprotection
Secrétariat Tél. 2156.

Division SB / Serv. Nettoyage