

## SUMMER WORKING HOURS

Following consultation with the Standing Advisory Committee, it has been decided to adjust working hours during the period of French summer-time, i.e. from 2 April to 24 September 1978 in the same way as occurred last year.

Please note the following arrangements :

1. Swiss time will continue to be the Organization's official time throughout the Laboratory.
2. Normal working hours will be from 8 a.m. to 5 p.m., with a one hour lunch-break at the same time as at present.
3. Special working schedules (shift work, workshops, etc.) will remain unchanged, save in exceptional circumstances at the discretion of Division Leaders.

The offices of the agencies will be open during the following hours :

### Meyrin Site

- SBS : Open from 8 a.m. to 4 p.m. without interruption.
- Post Office : - Office situated in the Administration Building  
Open from 8 a.m. to 5 p.m. without interruption;  
- Office situated in Bldg.504  
Open from 8 a.m. to noon and from 1 p.m. to 4 p.m.
- Wagons-Lits/Cook : No change -  
Open from 8.30 a.m. to 4.30 p.m. without interruption.

### Prévessin Site

- Crédit Agricole : Open from 8 a.m. to 4 p.m. without interruption.
- Post Office : Open from 8 a.m. to 5 p.m. without interruption.
- Personnel Division / Tel. 3238

## **SEMINARS** **SEMINAIRES**

### FRIDAY 17 MARCH

TODAY ! Please note change of date

#### CERN COMPUTER SEMINAR

at 14.00 hrs - Council Chamber  
"New analytical and graphical techniques for multivariate data analysis"  
by J. Friedman / SLAC

*Abstract : A method for testing the compatibility of multi-dimensional point sets, as well as for testing the goodness-of-fit of models to multidimensional data, is presented. Several techniques for plotting multidimensional point sets are described.*

## MONDAY 20 MARCH

### EP SEMINAR

at 11.00 hrs - EF Conference Room  
(Lab.13-2-005)

"Results from the Fermilab hybrid bubble chamber spectrometer"

by T. Ludlam / Fermilab

*Abstract : Data from 150 GeV/c  $\pi^-p$  collision in the Fermilab 30 inch bubble chamber will be presented and assessed in the light of multi particle production mechanism. Measurements of resonance contributions and analysis of final state correlations leading to considerations of clustering phenomena will be discussed. The talk will include a brief review of the status of downstream charged particle identifiers for the Fermilab bubble chamber.*

### BEBC USERS' GROUP MEETING

at 13.45 hrs - Council Chamber

Agenda for the Ninth Meeting :

1. Upgrading of neutrino shielding (A. Grant).
2. Progress reports : SPSC, SPS, BEBC, TST, Beams, EMI.
3. Progress report of wide band neutrino experiment in BEBC WA 21 (D.R.O. Morrison).
4. Progress report of wide band neutrino experiments in Gargamelle WA 14 and WA 15 (Cl. Matteuzzi).

### CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Relativistic heavy ion reactions"

by H.H. Gutbrod / GSI - LBL

*Abstract : Targets from Al to U were bombarded with  $^4\text{He}$  to  $^{40}\text{Ar}$  at energies of 250 MeV/n to 2.1 GeV/n. More transverse flux is observed than is explained by simple clean-out models. Questions of temperature and equilibrium are raised. Associated multiplicities and their distributions are discussed as a function of trigger particle, projectile, energies and targets.*

## TUESDAY 21, WEDNESDAY 22 MARCH

### SPS EXPERIMENTS COMMITTEE

- Open Session / Tuesday 21 March  
at 09.00 hrs - Auditorium

1. Introductory remarks by L. Van Hove.
2. Proposal to continue the study of neutrino interactions with dichromatic beams at the SPS, using BEBC filled with neon (Aachen-Bonn-CERN-London-Oxford-Saclay collaboration; D.H. Perkins; SPSC/78-28/P 98).
3. Improvement of the WA 1 apparatus (WA 1 collaboration; K. Tittel; SPSC/78-32/P 100).
4. Status report on the experiment on two-body reactions at large  $p_T$  WA 7; (D. Imrie).

- Closed Session / Wednesday 22 March  
at 09.00 hrs - Conference Room  
(6th floor - Administration Building).

THURSDAY 23 MARCH

ESO ASTROPHYSICS SEMINAR

at 11.30 hrs - DD Conference Room  
(Bldg.31 - 3rd floor)

"New results on the statistical properties  
of radio galaxies"

by M.-H. Ulrich / ESO

*Abstract : A new determination of the Luminosity Function of radio galaxies is presented. The observational data relative to the change of the Luminosity Function with cosmic time are compared to models for the evolution of the radio galaxy population. Recent results on radio galaxies located in clusters of galaxies are also presented; in particular, it is shown that, in clusters, the distribution of the velocities of the head-tail radio galaxies is similar to the distribution of the velocities of the other galaxies.*

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

(Secrétariat : Tél. 2844)

ACADEMIC TRAINING 1977-1978 Programme (3rd Term)

May 9, 10, 11 & 12 : 11.00 hrs - Auditorium  
"Stochastic feedback systems in storage rings"  
by L. Faltin (Eumig Research Laboratory, Vienna)

May 16, 18, 23 & 25 : 11.00 hrs - Auditorium  
"Baryonium states and their interpretation as  
multi-quark systems"  
by L. Montanet and G. Veneziano (CERN)

May 30, June 1, 2, 6, 8 & 9 : 11.00 hrs - Auditorium  
"L'échantillonnage dans les systèmes asservis"  
by H. Bühler (EPFL - Lausanne)

Wednesdays 26 April, 31 May, 28 June :  
16.00 hrs - Auditorium  
"General Science Monthly Cross-Section"  
by R. Carreras.

*Additional information about the content and the level of each series of lectures will be announced in due course in the weekly Bulletin and on notice-boards.*

ENSEIGNEMENT GENERAL 3ème Trimestre (1977-1978)

Jeudis : 13h00 - Amphithéâtre  
6, 13, 20 & 27 avril  
11, 18 & 25 mai  
1, 8, 15, 22 & 29 juin

"Science pour Tous", par R. Carreras

## INFORMATIONS

# GENERALES

## GENERAL INFORMATION

GUIDE DE L'UTILISATEUR DU CERN 1978

La version française du Guide de l'Utilisateur du CERN 1978 est maintenant imprimée. Les membres du personnel qui désirent obtenir un exemplaire doivent s'adresser à leur Secrétariat de Division.

Les questions et commentaires devront être adressés à M. W.O. Lock, Tél. 5159.

CAREER GUIDANCE FOR YOUNG PEOPLE LIVING AWAY  
FROM THEIR HOME COUNTRY

Due to a misunderstanding would those people still interested in receiving a copy of the above study be kind enough to once more complete and return the slip below :

----- ✂  
I would like to receive a copy in English of the study on "Career guidance for young people living away from their home country"

NAME :

Div. :

(Please return to Mrs. E. Kitson / PE Division)

LA PREPARATION AU CHOIX PROFESSIONNEL DES  
JEUNES ELOIGNES DE LEUR PAYS D'ORIGINE

Par suite d'un malentendu, nous prions les personnes qui désirent toujours recevoir le rapport mentionné ci-dessus de bien vouloir remplir encore une fois le coupon ci-dessous et de nous le retourner :

----- ✂  
J'aimerais recevoir un exemplaire en français de l'étude sur "La préparation au choix professionnel des jeunes éloignés de leur pays d'origine"

NOM :

Div. :

(A retourner à Mme E. Kitson / Division PE)

NOTICE TO ALL USERS OF THE LIBRARY

The book(s) you leave in your office while you are on holiday may be just the one somebody else needs. Before going, please return all unwanted literature in your possession bearing the CERN Library stamp. Thank you !

NOTE AUX UTILISATEURS DE LA BIBLIOTHEQUE

Le(s) livre(s) que vous laissez dans votre bureau pendant vos vacances pourrait être celui qui serait utile à une autre personne. Avant de partir, pourriez-vous rendre tout volume en votre possession portant le tampon Bibliothèque du CERN. D'avance, merci !