

Muons (Athens-Bari-Birmingham-CERN-Glasgow-Liverpool-Lund-Paris LPNHE Collaboration; E. Quercigh; SPSC/81-23/P 160).

7. Neutrino Physics in BEBC Equipped with an Internal Electromagnetic Calorimeter (Bonn-Brussels-Ecole Polytechnique-Oxford-Tufts-University College Collaboration; W. Van Doninck; SPSC/81-28/P 152/Add.2).
8. Search for Neutrino Oscillations in the SPS Wide Band Beam (CERN-Imperial College-Oxford Collaboration; F. Vannucci; SPSC/81-14/P 158).

Closed Session - Wednesday 1 and  
===== Thursday 2 April

Conference Room, 6th Floor, Admin. Bldg.  
The first Session begins at 09.00 hours.

## TUESDAY 31 MARCH

### CERN COLLOQUIUM

at 16.30 hours - Auditorium

"Massive neutrinos and relativistic astrophysics"

by R. Ruffini / Univ. of Rome

## THURSDAY 2 APRIL

### CERN COLLOQUIUM

at 16.30 hours - Auditorium

"Atomic hydrogen and deuterium:  
new quantum gases"

by Isaac F. Silvera / Univ. of Amsterdam

## INFORMATIONS

# GENERALES

## GENERAL INFORMATION

### ON RECHERCHE

La personne en possession du multimètre SCHLUMBERGER, type 7140, No de série 200985, No SPS 01820.05, est priée d'en informer M. Desroziers/SPS-ELE, téléphone 5368 ou 5358.

### A VENDRE AU PERSONNEL

4 tables à dessin No 1 à 4.

Mise à prix : 100.- Frs par table.

Faire offres écrites au Service des Magasins/Récupération avant le 27 mars (enveloppe fermée marquée "Enchères"). Prière de bien spécifier le numéro d'identification de la table. Possibilités de surenchère le mardi 31 mars à 16h00 au Bât. 569.

Service des Magasins / Récupération Tél. 2180

# TRAINING AND EDUCATION ENSEIGNEMENT

## JEUDI 26 MARS

### ENSEIGNEMENT GENERAL

de 13h00 à 13h30 - Auditorium

"Science pour tous"

par R. Carreras

## 30 AND 31 MARCH,

## 1, 2, 3, 6, 7, 8, 9, AND 10 APRIL

### ACADEMIC TRAINING

(Tel. 2844)

at 11.00 hours - Auditorium

(Council Chamber on 31 March and 9 April)

"Introduction to the electro-weak interactions for engineers and applied physicists"

by W. NAHM / CERN

*Abstract: The lectures will stress the physical concepts behind the unification of the electromagnetic and weak interactions and neglect the formalism, apart from a few essential parts. After a discussion of the common vector nature of the two interactions they will explain: 1) Why it was reasonable to predict vector bosons, neutral currents, Higgs bosons, and what would go wrong without them. This part will be centred around the concept of renormalizability as an independence of the physics at much smaller distances. 2) What is special about gauge theories? This part aims at an intuitive and geometrical understanding of some essential features of exact and spontaneously broken gauge theories.*

### POLYCHLORINATED BIPHENYLS - PCB

Clophen, Pyrolen, Askarel, ect.)

Users of equipment containing PCB are reminded that such equipment must be labelled. Standard labels exist in CERN Stores (SCEN No 50.55.82).

Divisional Activities Group,  
HS Division

### POLYCHLOROBIPHENYLES - PCB

(Clophène, Pyrolène, Askarel, etc.)

Il est rappelé aux utilisateurs d'équipements contenant du PCB que ces équipements doivent être repérés par une étiquette standard. Ces étiquettes sont disponibles au magasin CERN (SCEN No 50.55.82).

Groupe Activités Divisionnaires,  
Division HS

### NEW PUBLICATION - COMPUTING AT CERN

The latest edition of this publication is now available (English only) from the self-service Documentation Office (Bldg. 64 R-002) behind the Information Desk by the car park entrance to the Administration Building / Restaurant No 1, or from the DD Secretariat, Bldg. 31, 2nd floor.

# ADVISORY COMMITTEE OF CERN USERS (ACCU)

The next meeting of ACCU will be held on Monday 30 March, with the following agenda:

1. Adoption of agenda
2. Minutes of the previous meeting
3. Matters arising from the minutes including
  - a) The rôle of the CERN Staff Association and Users
  - b) The CERN electronics pool
4. Accelerator scheduling at CERN
5. Progress report on extension of CERN Hostel
6. Housing for newcomers to the Geneva area
7. Air travel costs
8. Any other business
9. Items for the agenda of the next meeting
10. Date of the next meeting

ACCU was set up in 1978 as a forum for discussion between CERN management and a representative group of CERN users to review the practical means

taken by CERN for the work of Users at the Laboratory. Users members of 1981 are:

AUSTRIA M. Regler, BELGIUM F. Binon, DENMARK J.D. Hansen, FRANCE J.J. Blaising and P. Borgeaud, GERMANY A. Bamberger and K. Böckmann, GREECE T.A. Filippas, ITALY P. Dalpiaz and A. Vitale, NETHERLANDS D.J. Schotanus, NORWAY E. Lillestøl (Chairman), SWEDEN P. Grafstrom, SWITZERLAND H. Suter, UNITED KINGDOM D.C. Imrie, J.C. Thompson, CERN P.G. Rancoita and L. Rosselet.

CERN management is represented by I. Mannelli (Directorate), M. Buhler-Broglin (EP Division) and R.N. Milligan (PE Division), with W. Blair (PE Division) as Secretary. The CERN Staff Association is also represented (by L. Leistam). Other members of CERN Staff attend as necessary for specific agenda items. Anyone interested in further information about ACCU is welcome to contact the appropriate representative, or the Chairman or Secretary (4473).

## VACANT POSTS LIST ON 16th MARCH 1981

| <u>Post No.</u>    | <u>Vacancy No.</u> | <u>Title</u>                                             | <u>Grade</u> |    |
|--------------------|--------------------|----------------------------------------------------------|--------------|----|
| EP-DI-O58 *        | 80-82              | Physicist                                                | 9            |    |
|                    |                    | -----                                                    |              |    |
| DD-OC-CS-001 *     | 81-7               | Technician (Electronics)                                 | 6            |    |
| DD-US-PR-179 *     | 81-1               | Physicist or Mathematician (Programming)                 | 8            |    |
|                    |                    | -----                                                    |              |    |
| SB-AC-ST-034       | 80-105             | Mechanic                                                 | 5/6          |    |
| SB-EE-EL-EM-084 *  | 81-10              | Technician (Electronics)                                 | 5            |    |
| SB-TS-TM-200/317 * | 81-12              | Equipment Operator (Material Handling)                   | 3            | B+ |
| SB-EE-CF-222 *     | 81-11              | Technician (Heating & Ventilation)                       | 5            |    |
| SB-AC-TO-223/360 * | 81-9               | Sheet Metal Worker - Welder                              | 4            | B+ |
| SB-EE-EL-286 *     | 81-17              | Technician (Electrical)                                  | 5            |    |
| SB-AC-ME-312 *     | 81-18              | Mechanic                                                 | 4            |    |
| SB-EE-GE-PH-330 *  | 81-13              | Technician (Power Supplies Operation)                    | 5            |    |
| SB-AC-CQ-458       | 81-5               | Quality Controller                                       | 6            |    |
|                    |                    | -----                                                    |              |    |
| PE-PSS-CS-MS-064 * | 81-14              | Clerk (Messenger)                                        | 3            | B+ |
|                    |                    | -----                                                    |              |    |
| FI-SAP-MA-085      | 81-8               | Technician (Quality Control)                             | 7            |    |
|                    |                    | -----                                                    |              |    |
| HS-DI-SC-125 *     | 80-34              | Safety Engineer                                          | 8            |    |
|                    |                    | - Assistant Head of Emergency & Site Security Services - |              |    |

### NOTE :

B+ = Future Board

Applications for these vacancies are invited from staff members and laboratory staff only, except where a post is marked with an asterisk indicating that external recruitment has been authorized.

For staff members who wish to apply for an internal job, but who hesitate because they do not have the qualifications required, adequate training could be envisaged. They are therefore encouraged to make their interest known.

Vacancies of other Organizations and Institutes are displayed on the notice-boards in the Administration Building and outside the Reception Office, Personnel Division.

# Plats du jour des restaurants

Semaine du 23 au 27 mars 1981

| <i>Midi/Lunch Time</i>         | <b>No. 1</b><br><i>Bâtiment Administratif<br/>Administration Building<br/>Meyrin (CH)</i>                                                          | <b>No. 2</b><br><i>Bâtiment 504<br/>Building 504<br/>Meyrin (CH)</i>                              | <b>No.3</b><br><i>Bâtiment 866<br/>Building 866<br/>Prévessin (F)</i> |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <i>Prix</i>                    | <i>I 4,50Fr.s.II 5,10 Fr.s.</i>                                                                                                                    | <i>I 4,80Fr.s.II 5,50Fr.s.</i>                                                                    |                                                                       |
| <b>LUNDI/<br/>MONDAY</b>       | I Schubling de<br>Zürich Grillé<br>Pommes à l'Huile<br>Salade de<br>Betteraves<br>II Viennoise de Porc<br>Cornettes<br>Sauce Tomate<br>Petits Pois | I Croquettes de<br>Poisson<br>Sauce Tartare<br>II Poulet à la Broche<br>Pommes Frites<br>Légumes  | Rôti de Porc<br>Pommes Frites<br>Haricots Verts                       |
| <b>MARDI/<br/>TUESDAY</b>      | I Jambon Chaud<br>Pommes Berichonne<br>Salade Verte<br>II Ragoût de Mouton<br>aux Haricots<br>Rouges<br>Pommes à<br>L'anglaise                     | I Emincé de Veau<br>Bordelaise<br>II Sauté d'Agneau<br>Primeurs<br>Riz Pilaf<br>Légumes           | Escalope de Volaille<br>Panée<br>Pommes Purée<br>Légumes Saison       |
| <b>MERCREDI/<br/>WEDNESDAY</b> | I Rizzoto<br>Moules, Poulpes<br>et Calamares<br>Salade Verte<br>II Chicken Chips<br>Tomate Grillée                                                 | I Tête de Veau<br>Vinaigrette<br>II Filet de Plie à<br>l'Anglaise<br>Pommes persillées<br>Légumes | Bouchée à la Reine<br>Riz<br>Petits Pois                              |
| <b>JEUDI/<br/>THURSDAY</b>     | I Gratin Tessinois<br>(Pâtes) Jambon<br>et Lard<br>Salade Verte<br>II Steak Bercy<br>Pommes Mousseline<br>Salade Verte                             | I Omelette Paysanne<br>II Lapin Grand-Mère<br>Polenta<br>Légumes                                  | Boeuf Braisé<br>Spaghetti<br>Carottes au Beurre                       |
| <b> VENDREDI/<br/>FRIDAY</b>   | I Croustade de<br>Champignons<br>Pommes Frites<br>Salade<br>II La Marée du Jour                                                                    | I Maquereau Niçoise<br>Hamburger Oeuf à<br>Cheval<br>Nouilles à<br>l'Italienne<br>Légumes         | Filet de Poisson<br>Meunière<br>Pommes Dorées<br>Epinards             |

**Heures  
d'ouverture**

**Restaurant No.1**

Lundi au Vendredi :  
06h à 02h30  
Samedi et Dimanche :  
1. Cafétaria : 08h à 20h  
2. Restaurant : 11h30 à 14h  
18h00 à 19h30

**Restaurant No.2**

Lundi au Vendredi  
06h à 20h30  
Samedi :  
08h00 à 14h00

**Restaurant No.3**

Lundi au Vendredi :  
07h00 à 20h00