

# COMMUNICATIONS OFFICIELLES

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

# OFFICIAL NEWS

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

## AMENDEMENTS AU REGLEMENT DU PERSONNEL

Le texte officiel des amendements au Règlement du Personnel entré en vigueur les 1er septembre 1980 (Allocation pour Frais d'Etudes) et 1er janvier 1981 (Barème des Traitements de Base - Rémunérations de Base des Boursiers - Traitements des Stagiaires - Allocation de Famille et Allocation pour Enfant à Charge - Indemnité de Subsistance) est à la disposition de chacun :

AU SECRETARIAT DE SA PROPRE DIVISION.

## STATUT ET REGLEMENT DU PERSONNEL

La nouvelle et 8ème Edition (définitive) des Statut et Règlement est en cours de tirage. Vous serez avisés en temps utile de sa parution.

## AMENDMENTS TO THE STAFF REGULATIONS

The official text of the amendments to the Staff Regulations which came into effect on 1 September 1980 (Education Grant) and 1 January 1981 (Scale of Basic Salaries - Basic Stipends for Fellows - Salaries for Students - Family Allowance and Children's Allowance - Subsistence Allowance) is available :

AT YOUR DIVISIONAL SECRETARIAT.

## STAFF RULES AND REGULATIONS

The new, 8th Edition (definitive) of the Staff Rules and Regulations is in the process of being printed; its publication will be announced in due course.

# SEMINARS SEMINAIRES

## MONDAY 26 JANUARY

### PS AND SC COMMITTEE

- Open Session  
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at 09.00 hrs - Council Chamber

- 1) Information from the Director-General.
- 2) Future of the Isolde programme - Reports presented by :  
E.W. Otten (PSCC/80-126/M70); P.G. Hansen (81-1/M74) and R. Klapisch (PSCC/80-138/M73).
- 3) New proposals :
  - Study of the fragment distributions in the interactions of 70 MeV/A  $^{20}\text{Ne}$  with aluminium and gold (Univ. and INFN Rome; PSCC/80-133/P34; 80-134/S34; G. Baroni).
  - Investigations on baryonium and other rare  $\bar{p}p$  annihilation modes using high-resolution  $\pi^0$  spectrometers (Basel-Stockholm-Thessaloniki; PSCC/80-142/P36; 80-143/S36; P. Pavlopoulos).

Study of  $\bar{p}$ -nucleus interaction with a high resolution magnetic spectrometer (DPh-N/Me Saclay-CRN Strasbourg-Tel Aviv Univ.; PSCC/80-140/P35; 80-141/S35; D. Garreta).

- Closed Session  
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at 14.30 hrs - Sixth Floor Conference Room (Administration Building).

## WEDNESDAY 28 JANUARY

### THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"On the Ground State of QCD"

by H. Leutwyler / Univ. of Bern

*Abstract* : I first intend to discuss the vacuum fluctuation surrounding constant gauge fields. In particular, the stability of the background field with respect to these fluctuations will be treated. The second part of the talk will be devoted to the leading non-perturbative facts of the gluonic vacuum condensate on the ground states of two heavy quarks. I will try to show that heavy quarks may be used as vacuum probes : the dominant non-perturbative effect on the spectrum is governed by the vacuum expectation value of  $G_{\mu\nu}^2$ .

### DD SEMINAR

at 16.00 hrs - DD Auditorium  
(Bldg.31 - 3rd floor)

"The 168/E Pilot Project"

by P. Scharff-Hansen / CERN-DD

*Abstract* : A 168/E microprocessor has been connected to the IBM via CERNET for off-line batch processing of EMC events. Another 168/E will be used in the SFM data acquisition system for on-line filtering. These developments will be described with main emphasis on the software aspects.

THURSDAY 29 JANUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium \*)

"Results of PLUTO on One and Two-Photon Physics"

by J. Bürger / DESY

*Abstract : A study of multijet events from  $e^+e^-$  annihilation in the energy range of  $27 \text{ GeV} < E_{CM} < 32 \text{ GeV}$  is presented. The analysis uses a new cluster method to identify the jets in an hadronic event. The distribution of the number of jets per event and energy distributions of the jets are discussed. Results from the process  $e^-e^+ \rightarrow e^+e^- + \text{hadrons}$  are presented in terms of the total hadronic two-photon cross-section and on the structure function of the photon.*

\*) 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.

TUESDAY 3 FEBRUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Low Mass Dilepton Production in  $\pi$ -Nucleon Interactions"

by W. Dunwoodie / SLAC

WEDNESDAY 4 FEBRUARY

CERN COMPUTER SEMINAR

at 16.00 hrs - Council Chamber

"Data Processing at DESY"

by V. Blobel / Univ. of Hamburg

THURSDAY 5 FEBRUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"A New Method to Measure the Neutrino Mass"

by Alvaro De Rújula / CERN-TH

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TOPICAL CONFERENCE ON THE APPLICATION OF  
MICROPROCESSORS TO HIGH-ENERGY PHYSICS EXPERIMENTS

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to be held at CERN, May 4 - 6, 1981

For administrative and organizational reasons, CERN personnel must be treated in the same way as external participants at this Conference. Those wishing to attend are asked to fill in Application Forms available from :

Avis Hoekemeijer/DD or Terry Jones/EF.

The deadline for submission of papers has passed. However, the deadline for applications for ATTENDANCE has been extended to :

FRIDAY 20th FEBRUARY 1981.

After that date, further applications cannot be considered.

**BULLETIN CERN**

5/81 - 26.1.81

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FOR INFORMATION / POUR INFORMATION

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VENDREDI 30 JANVIER

SEMINAIRE DU LAPP

à 10h30 - Amphithéâtre du LAPP

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

"Applications de la méthode des éléments finis dans la construction des chambres à fils"

par C. Girard / LAPP

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

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

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MONDAY 26, WEDNESDAY 28  
AND FRIDAY 30 JANUARY

ACADEMIC TRAINING

(Tél. 2844)

at 11.00 hrs - Auditorium

"Group Theories and Applications"

by P. Sorba / LAPP, Annecy (Lectures 4,5,6)

Lectures 7, 8, 9, 10, by P. Sorba/LAPP, Annecy :  
Monday 2, Wednesday 4, Thursday 5, Friday 6  
February, at 11.00 hrs - Auditorium.

MERCREDI 28 ET VENDREDI 30 JANVIER

ACADEMIC TRAINING

(Tél. 2844)

at 11.00 hrs - Salle Théorie  
(Bât.4, 3e étage)

"Physique des matériaux"

par F. Lévy / EPF, Lausanne

Leçon 5 : Magnétisme

Leçon 6 : Isolateurs.

Leçons 7 et 8, par F. Lévy / EPF, Lausanne :

Mercredi 4 et vendredi 6 février

à 11h00 - Salle Théorie.

JEUDI 29 JANVIER

ENSEIGNEMENT GENERAL

(Tél. 2844)

13h00/13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras