

MANAGEMENT BOARD SUMMARY

At the fourth meeting of the Management Board held on 6 May 1982, the Director-General first made a number of announcements. He mentioned that the Committee of Council at its April meeting had decided to hold a special meeting on 3 June 1982 to prepare for the consideration by the Council, at its session towards the end of June, of the request of Spain to rejoin the Organization. E. Picasso expressed his thanks to all those who had helped with the recent LEP Exhibitions in one way or another and he stressed the importance of presenting LEP and CERN to the local population in an understandable way.

The Management Board then had an extensive exchange of views on various aspects of the preparations for the 1983 budget, with particular reference to the major reduction which will have to be made in the exploitation budget. It was eventually agreed to hold a special meeting

of the Management Board on 1 July 1982 at which the exploitation budgets for each Division for 1982 will be explained and proposals made for 1983.

Under Other Business the Board agreed that a small group should be set up to consider ways and means of rewarding CERN staff for outstanding performance; the members are R. Billinge, C. Guthapfel (from the Staff Association), and J. Prentki.

In Closed Session the Management Board approved the proposals for the Indefinite Appointment Review, of the Senior Technical and Administrative Assistants Committee and for promotions for staff in grades 2 to 10 inclusive. The usual statistical summary will be published in the Weekly Bulletin after the June meeting of the Board, when the Senior Staff Review is completed.

SEMINARS **SEMINAIRES**

MONDAY 24 MAY

EP SEMINAR

at 17.00 hrs - Auditorium

Quark and gluon jets at the ISR

by W.M. Geist

The Split Field Magnet (SFM) detector was triggered by single identified particles at high transverse momentum.

- *The events obtained show clear 4-jet structure.*
- *A detailed measurement of momentum and quantum structure of the 2 sideways jets and of their correlations with the forward jets indicate hard scattering of quarks and gluons.*
- *The data are compared with first order QCD calculations.*
- *Preliminary data on baryon production in the sideways jets will be presented as well.*

Tuesday 25, Wednesday 26 and Thursday 27 May

SPS EXPERIMENTS COMMITTEE

Open Session - Tuesday 25 May

at 09.00 hrs - Auditorium

1. Status Report on NA25 (Study of Charm and β -Particle Production Using a Holographic Bubble Chamber ; S. Tavernier).

2. Proposal to Add a Ring Image Cerenkov to Omega Omega-Photon Collaboration (WA69): Bonn - Lancaster - Manchester - Rutherford - Sheffield; P. Sharp; SPSC/82-34/P 140 Add.3 .

Closed Session - Wednesday 26 and Thursday 27 May

at 09.00 hrs - Sixth Floor Conference Room, Administration Building

MARDI 25 MAI

PRESENTATION TECHNIQUE

09h30/12h00 et 14h00/15h30

Salle 1-007, Bât. 17

AILTECH / Cutler-Hammer (D) GmbH propose en démonstration : Spectrum Analyzer P/N 75 - Noise Measuring Equipment, Power Signal Sources, Frequency Synthesizer, EMC Equipment, Power Amplifiers.

Langues : Allemand, anglais, français.

Renseignements : M. Diraison / FI / 4585.

TUESDAY 25 MAY

CERN COLLOQUIUM

at 16.30 hrs - Auditorium *

Wolfgang Pauli and philosophy

by K.V. Laurikainen / Helsinki Univ. and CERN

During the last 10-15 years of his life, Pauli spent much time studying the history and philosophy of science. His starting point was the philosophy of quantum mechanics, but this led him on to psychology, the history of ideas and many other fields, not least the relation of religion to natural science.

The lecture is based on Pauli's letters to Prof. Markus Fierz, then professor in Basle. From these letters one gets a picture of Pauli which essentially differs from that usually held.

* Note : Tea and coffee at 16.00 hrs

Wednesday 26 May

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

Continuum limit and unproved action in lattice theories

by K. Symanzik / DESY

LEP PROJECT COMMITTEE

at 14.30 hrs - ISR Auditorium
(Building 30, 7th floor)

Radiation protection system for LEP

by K. Goebel

DD SEMINAR

at 16.00 hrs - DD Auditorium
(Building 31, 3rd floor)

Le système FCP

by L. Grosset / DD

FCP (File Control Program) est un ensemble de programmes permettant de gérer des données de physique (création de fichiers, adjonctions, mises à jour, effacement) en utilisant MSS (Mass Storage System). Cette gestion peut être faite soit localement, soit à distance à partir d'une machine reliée à CERNET.

FCP maintient un répertoire de données au niveau d'un groupe d'événements (date de création, de dernière mise à jour, ...), sérialise l'accès en écriture et permet la lecture des données depuis un programme FORTRAN dont la structure n'a pas besoin d'être modifiée.

FCP est actuellement opérationnel sur les machines IBM et sur la VAX Erasme. La présentation, donnée en français, couvrira les motivations initiales, les services offerts et les solutions d'implémentation.

THURSDAY 27 MAY

TECHNICAL PRESENTATION

10.00 hrs/16.00 hrs - Room 2-027, Bldg.73

NTG Nukleartechnik GmbH & Co KG (D) will demonstrate : beam leading components for accelerators, new development of a ion-getter-pump, new development of a fluid-helium-pump, new development of a vacuum-rapid-close-valve, small components, etc.

Languages : German, English, French

Information : M. Diraison / FI ' 4585.

DD COLLOQUIUM

at 14.00 hrs - Council Chamber

NOTIS (Nord Text and Information System)

by Tor Steine and Inger Breivang /
Norsk Data, Norway

NOTIS is an integrated system of modules running under the operating system SINTRAN 3 VS. It offers the following modules :

- Word Processing
- Information Retrieval
- A Query Language
- Report Generator
- Information Distribution (Electronic Mail)
- Personal Management (Calendar).

There will be an on-line demonstration.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *

Supersymmetry, Strings, and the Unification of Fundamental Interactions

by John H. Schwarz / California Inst. of
Technology, Pasadena

The possibility of basing a consistent unification of fundamental interactions including quantum gravity on the theory of supersymmetrical strings is described. One particular scheme reduces to $N = 8$ supergravity theory (a popular unified field theory) in the low-energy limit, but appears likely to be better behaved at high energies.

* Note : Tea and coffee at 16.00 hrs

TUESDAY 1 JUNE

PS SEMINAR

at 11.00 hrs - PS Auditorium
(Building 6)

Ten years Booster beam : Contributions to accelerator science and physics research

by K.H. Reich

WEDNESDAY 2 JUNE

ISR COMMITTEE

I - OPEN SESSION

at 09.30 hrs - Council Chamber

1. Information from the Director-General.
2. Light ions in the ISR at the end of 1982.
 - Physics goals of experiment R 418, I. Otterlund
 - Preparations of experiment R 418, C. Gruhn
 - Aims of experiment R 807, M. Albrow.

II - CLOSED SESSION

at 11.00 hrs - Sixth Floor Conference Room
(Administration Building).

INFORMATIONS GENERALES GENERAL INFORMATION

REINTEGRATION - Sécurité sociale française

La prochaine permanence de la sécurité sociale française aura lieu

jeudi 3 juin 1982 de 9h00 à 11h00

dans la salle de conférence No.2 au premier étage du Bâtiment 5, Département du Personnel.

Les personnes intéressées sont priées de prendre rendez-vous en téléphonant au Secrétaire de la Section des Affaires sociales (int. 4201).

Section des Affaires sociales
Département du Personnel

LOGEMENT DES ETUDIANTS ET VISITEURS D'ETE AU CERN *RAPPEL*

Afin d'aider les étudiants et visiteurs d'été au CERN, les personnes désireuses de louer une chambre pour un minimum d'un mois, ou leur appartement ou villa pour au moins deux semaines pendant la période juin-septembre, sont priées de contacter le Service de Logement, tél. 4155. Merci d'avance.

Service de Logement
Département du Personnel
Tél. 4155

TRAINING AND *EDUCATION* *ENSEIGNEMENT*

ACADEMIC TRAINING (Tel. 2844)

MERCREDI 26 MAI

11h00/12h00 - Amphithéâtre

La motivation physique de quelques expériences au CERN. Présentation pour ingénieurs et physiciens appliqués.

par J.P. Lagnaux / FNRS, Bruxelles

(Leçon 3)

MERCREDI 2 JUIN

11h00/12h00 - Amphithéâtre

(Leçon 4)

ACCOMMODATION FOR STUDENTS AND SUMMER VISITORS TO CERN *REMINDER*

In order to assist students and summer visitors to CERN, persons wishing to let a room for a minimum of one month, or their flat or villa for at least two weeks during the period June to September, are kindly requested to contact the Housing Office, Tel. 4155. Thank you in advance.

Housing Office
Personnel Department
Tel. 4155