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PENSIONS BOARD OF THE STAFF INSURANCE SCHEME

At its 24th meeting, held on 6 March 1986 in conjunction with the Investment Committee, the Pensions Board heard a report by Mr D. Dekkers on the meeting of the tripartite Working Group on CERN Pensions held on 4 and 5 March. Special mention was made of the progress achieved in examining solutions to the problem of pension guarantees in the event of dissolution of the Organization.

The Board began its annual examination of the investment policy of the Fund and heard reports on that subject from Mr P.C.P. Mollet, who manages the stocks, shares and precious metals portfolio, and from Mr C.D. Forman, who is in charge of the real-estate sector, and both gave the provisional results for 1985. The discussion of the investment policy will continue at the April meeting, during which the draft annual report will be examined.

The Board then continued the study, which it started at its 23rd meeting, of the first draft revised Rules of the Scheme, which will shortly be submitted to the tripartite Working Group on Pensions.

The Administrator announced with regret the death of Mr A. GILI, a beneficiary of the Scheme.

Under the heading of administrative matters, the Administrator informed the Board of the scales for the purchase of additional periods of membership drawn up by the Scheme's consulting actuary, which will be the subject of an implementing regulation to be published as part of the revision of the Rules.

At the end of the meeting, the Chairman took leave of Dr G.R. Macleod, who served on the Board for ten years in his capacity as the member appointed by the Director-General.

SEMINARS SEMINAIRES

Monday 24 March

EP SEMINAR

at 16.30 hrs – Auditorium

Most recent results from Mark III on J/psi decays

by Lütz KÖPKE / UC Santa Cruz

Recent results from the Mark III collaboration on radiative and hadronic J/psi decays will be presented. The results are based on a high statistics sample of 5.8 million J/psi decays allowing for the observation of rare decay processes. Topics will include :

OFFICIAL NEWS

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

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SUMMARY OF THE 25th MEETING OF THE ADVISORY COMMITTEE OF CERN USERS held on 18 February 1986

Restructuring

ACCU took note of a presentation concerning the restructuring of some administrative services, and asked to be consulted before irreversible decisions were taken.

CERN budgets

ACCU was informed that in order to finish LEP construction as planned, the operations budgets of the Divisions have to be reduced. ACCU expressed concern that the large reduction of the EP budget would affect the experimental programme of the Laboratory.

Public relations

ACCU was asked to help increasing the commitment of the scientific community to CERN's public relations effort. ACCU underlined the importance of CERN exhibitions in the Member States.

Urgent store requests

ACCU urges that the existing procedure for signature rights for urgent store requests in EP Division remains unchanged.

- a discussion of the status of the xsi(2200) and a search for additional decay modes;
- a study of the eta-charm decay mechanisms using the complete set of allowed J/psi to gamma vector vector decays;
- analyses for J/psi to omega + X and J/psi to phi + X, where X is a system of 2 or 3 pseudoscalars;
- a partial study of the scalar, axial vector, and tensor meson multiplets based on J/psi two body decays;
- a comparison of hadronic and radiative J/psi decays with emphasis on the theta (1690) and iota (1460).

Wednesday 26 March

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Gravitational anomalies?

by A. DE RUJULA / CERN

It has recently been claimed that the Eötvös experiment, as well as data on neutral kaons, confirm earlier 'geological' indications for the existence of a 'fifth' fundamental force. This claim has faced understandable scepticism. But, perhaps, the pervasive discrepancy between laboratory and 'geological' measurement of Newton's gravitational constant should not be sceptically dismissed. We explore the consequences of not doing what perhaps we shouldn't.

Wednesday 26 March

LEP SEMINAR

at 14.30 hrs – LEP Auditorium
bldg 30, 7th floor

Introduction to ORACLE, the tool for managing LEP data

by J. SCHINZEL / CERN-LEP

A data base management system provides the means to store and retrieve data efficiently and to ensure the consistency of data. A single data base for the LEP project was considered essential to avoid the problems caused by having many copies of data. The LEP data base service, based on ORACLE, a relational data base management system, has been functional for over three years and many of the applications developed using this tool are now running in production.

(Tuesday 1 April

Proton Synchrotron and Synchro-cyclotron Committee

Closed session at 14.00 hrs, continuing on Wednesday 2 April at 09.00 hrs, 6th floor Conference Room.)

Wednesday 2 April

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Local BRS symmetry, conformal invariance and application to the Polyakov string

by L. BAULIEU / Paris

Monday 7 April

EF SEMINAR

at 11.00 hrs – EF Conference Room
bldg 13, 2-005

Monitoring and control for LEP Experiments using G-64

by A. BALL / CERN

The G-64 bus was promoted by a number of European system companies and has become a widely used 8-bit

standard. Based on a single 'Eurocard' format, it provides a cheap, reliable medium for intelligent monitoring and control applications. The talk will cover the use of G-64 within CERN, the level of user support, and describe some of the most recent developments in hardware and software. A general purpose chassis system (MAC-64) using the G-64 bus has been designed in EF division for equipment monitoring and control in the LEP experiments. Details of the MAC-64 system, applications and communication with the control computers will be discussed.

Monday 7 April

EP SEMINAR

at 16.30 hrs – Auditorium

Large transverse momentum direct photon and neutral pion production in pi-minus p, pi-plus p and pp collisions at 300 GeV/c

by Michael WÜLKER / University of Freiburg

Results on large transverse momentum direct photon and neutral pion production in pi-minus p, pi-plus p and pp collisions at 300 GeV/c are presented from the full data sample of experiment NA24. A clear signal for direct photon production is observed in all reactions for transverse momenta $p_T > 4$ GeV/c. The cross-sections are measured up to $p_T = 7$ GeV/c ($x_T = 0.6$) in pi-minus and up to $p_T = 6$ GeV/c ($x_T = 0.5$) in pi-plus and pp collisions. At large p_T , the direct photon production cross-section is increasing in pi-minus collisions relative to pi-plus collisions as expected from valence quark anti-quark annihilation. The neutral pion production cross-sections at large p_T are the same in pi-minus p and pi-plus p collisions. They decrease faster with p_T in pp collisions than in pi-p collisions.

SEMINAIRES EF DU PRINTEMPS 1986

Ce printemps, la division EF organise une nouvelle série de séminaires.

Programme préliminaire :

EF SPRING SEMINARS 1986

EF Division is organizing a new series of seminars to take place this spring.

Preliminary programme :

7 avril	Monitoring and control for LEP experiments using G-64 by A. BALL / CERN	7 April
14 avril	EMC Data production on 370E emulators by J. BEAUFAYS and F. CHEVRIER / CERN	14 April
21 avril	Highlights of the 1986 Vienna wire chamber conference by R. CIRIO / CERN	21 April
28 avril	The DELPHI time projection chamber (TPC) by H. FOETH / CERN	28 April
5 mai	Towards 100 GeV in LEP with supraconducting cavities by D. BLOESS / CERN	5 May
12 mai	Electron drift in room temperature liquides by D. SCHINZEL / CERN	12 May
26 mai	Electronic CAD in the research divisions by B. HECK / CERN	26 May
2 juin	Progress in L3/BGO calorimetry by M. SCHNEEGANS / CERN	2 June
23 juin	Report on the conference 'Frontier detectors for frontier physics' held in Castigione della Pescaia by T. MEYER / CERN	23 June

Sauf avis contraire, les séminaires auront lieu le lundi de 11.00 h à 12.00 h dans la Salle de Conférence EF, Bât. 13, 2-005.

Unless otherwise indicated, the seminars will take place on Mondays from 11.00 hrs to 12.00 hrs in the EF Conference Room, Bldg 13, 2-005.