

Art. 6, lettre k : **supprimer** «indique son nom»;

Art. 6, lettre l : **nouveau texte** : «Chaque électeur doit mettre dans la petite enveloppe le bulletin du candidat pour lequel il vote. Au maximum, le nombre de bulletins par enveloppe sera égal au nombre de postes de titulaires à pourvoir. Toute enveloppe contenant plus de bulletins que le nombre de postes de titulaires à pourvoir est nulle».

Les pages 3 (version anglaise et française) du règlement No 4, ainsi modifiées, seront publiées ultérieurement et distribuées dans les secrétariats de division et de département.

Le membre sortant est M. G. MAURIN et le suppléant sortant est Mlle F. RANJARD.

Les scrutateurs, nommés lors de la réunion du Comité des Pensions du 6 mars, sont MM. S. HANSEN et B. SZELESS.

Les formules de proposition de candidatures sont publiées dans le présent Bulletin et devront être déposées à l'Administration de la Caisse au plus tard le lundi 1er avril 1985 à 12 heures.

Administration de la Caisse

Art. 6.k: **erase** 'shall indicate his name';

Art. 6.l: **new text**: 'Each elector shall place the slip for the candidate for whom he is voting in the small envelope. The maximum number of slips per envelope shall be the number of ordinary member posts to be filled. Any envelope containing more than this number of slips shall be considered null and void.'

Page 3 (French and English versions) of Regulation No 4, as amended, will be published later and distributed to Divisional and Departmental secretariats.

The retiring ordinary and alternate members are Mr. G. MAURIN and Miss F. RANJARD respectively.

The polling officers, appointed at the meeting of the Pensions Board on 6 March, are Messrs. S. HANSEN and B. SZELESS.

Nomination forms are provided in this Bulletin and must be deposited with the Administration of the Scheme by midday on Monday, 1st April 1985, at the latest.

Administration of the Scheme

SEMINARS SEMINAIRES

Monday 18 March

EP SEMINAR

at 16.30 hrs - Auditorium

Radiative Decays of the Psi-Prime (3685) to All-Photon Final States

by R.A. LEE / Stanford University

We have used a sample of 1.8×10^6 produced Psi-Primes collected by the Crystal Ball detector at SPEAR to make measurements of selected Psi-Prime decays to both charmonium and non-charmonium states which decay into photons. Results for Branching Ratios will be given and compared with theoretical expectations.

Tuesday 19, and Wednesday 20 March

LEP EXPERIMENTS COMMITTEE

at 09.00 hrs - Auditorium

Open Session Tuesday 19 March

09.00 - 10.00

Precision Studies on the Z^0
G. ALTARELLI

10.00 - 11.00

Toponium Physics
W. BUCHMÜLLER

11.00 - 11.30

Coffee-break

11.30 - 12.30

New particles
J. ELLIS

14.00 - 15.00

QCD and 77 scattering
A. ALI

15.00 - 15.00

Coffee-break

15.30 - 16.30

High Energies
R. PECCEI

Open Session - Wednesday 20 March

Auditorium

09.00 - 09.05

Statement by the Director-General

09.05 - 09.30

LEP Status Report

09.30 - 13.00

STATUS OF LEP EXPERIMENTS :

- 09.30 - 10.15 DELPHI

- 10.15-11.00 OPAL

11.00-11.15

Coffee-break

- 11.15 - 12.00 L3

- 12.00 - 12.45 ALEPH

Closed Session - Wednesday 20 March

at 14.00 hrs - Conference Room
(6th Floor, Main Building)

(To be continued on Thursday 21 March at 09.00 hrs - Conference Room 'B', Bldg.61 - Formerly A/C.)

Wednesday 20 March

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

Supersymmetric Instanton Calculus (Gauge Theories with Matter)

by M. SHIFMAN / ITEP, Moscow

Wednesday 20 March

LEP SEMINAR

at 14.30 hrs - LEP Auditorium
(Bldg. 30, 7th floor)

The LEP Sextupole Magnets: Design Features and Results from the Production Prototypes

by R. WOLF / CERN / LEP

The mechanical tolerances for the LEP SF and SD sextupoles are derived from the field quality requirements. Other design features and the construction of the production prototypes are discussed. The results of magnetic measurements at CERN on the prototypes are correlated with the measured geometry.

Wednesday 20 March

DD SEMINAR

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

Computer Networking at Fermilab

by Dr. Chris DAY / Fermilab

The rapidly increasing use of VAX computers in high energy physics experiments at Fermilab along with the increasing demands for interactions among computers on site, around the USA and throughout the world has led to a variety of networking activities. In particular, the use of Cluster Interconnects and DECnet over various media has increased dramatically recently. The talk will cover the current status of networking at Fermilab, with emphasis on CDF's experiences, as well as future plans for expansion both within the lab and to Europe and Japan.

Wednesday 20 March

SPECIAL EP SEMINAR

at 16.30 hrs - Auditorium

New Results on E/Iota Meson

by Suh Urk CHUNG / Brookhaven National Laboratory

*We have performed a partial-wave analysis of the K^*K system in the reaction $\bar{p} \rightarrow K^* \bar{n}$ at 8 GeV/c, obtained in an experiment at the BNL Multiparticle Spectrometer. Results indicate that the $E(1420)$ in our data is mostly in a $J^P = 0^-$ state coupling both to $6(980)1$ and $K^*(890)\bar{K}$ decay modes. This agrees with the spin-parity assignment of the $\iota(1440)$ seen in the J/ψ radiative decay.*

PLEASE NOTE UNUSUAL DAY

Thursday 21 March

ISOLDE SEMINAR

at 11.00 hrs - Council Chamber

Quark and lepton masses in the Standard Model

by C. JARLSKOG / Bergen University and Stockholm University

An elementary introduction to quark and lepton masses and mixings in the Standard Electroweak Model is given. Some relevant experimental results and theoretical models are briefly reviewed.

Friday 22 March

TECHNICAL PRESENTATION

09.00 hrs to 12.00 hrs - LEP Auditorium
(Building 30, 7th floor)

AMD, Advanced Micro Devices (USA), represented by Kontron Electronic will talk about : Am 29300 32 bit VLSI Series, Am 29500 Array and Digital Signal Processing Products Series, Data Communications Products, Modem, Ethernet Node, MOS Microprocessors and Peripherals, PALs, Dynamic Memory Controller.

Languages : English and French.

Information : M. Diraison / FI / 4585.

Friday 22 March

DD SEMINAR

at 16.00 hrs - DD Amphitheatre
(Building 31, third floor)

Database Aspects during the Development of a Database for the Personnel Monitoring Service

by Manfred REITENSPIESS / CERN

During the development of a new application system for the CERN film-badge service, database techniques were used in different ways. The requirements analysis resulted in a structured description of the necessary data using the entity-relationship model. The data structures were extended to abstract data types by operations to describe (dynamic) consistency conditions not expressible in the model and to define the envisaged user interface. The resulting set of abstract data types made up the specification of the system, which was discussed with the final users. Since the target computer (Nord-100) supports a CODASYL database system (SIBAS), the entity-relationship description had to be transformed to a CODASYL description. This was done in a first refinement using an abstract set of database operations. The second refinement (implementation) consisted mainly in the transformation of the abstract operations to the actual available operations of the SIBAS database system. The use of the entity-relationship model resulted in a clear system structure which could be retained during all steps of the development process. The transition from the entity-relationship model to the CODASYL model turned out to be straightforward. The final implementation caused problems because of the unstructured call interface of the database system. These difficulties could only partially be resolved by an intermediate call level which abstracts from implementation details of the database system.

PLEASE NOTE NEW DAY

Tuesday 26 and Wednesday 27 March

SPS EXPERIMENTS COMMITTEE

Open Session - Tuesday 26 March

at 09.00 hrs - Auditorium

1. Status Report on WA69 (Photoproduction in the Energy Range 70-200 GeV) and Addendum : Hadron Data for Photon Comparison in WA69 (Bonn - CERN - Lancaster - Manchester - RAL - Sheffield Collaboration; SPSC 85-13/P 140/Add.4; E. Paul).
2. Status Report on WA71 (Study of Beauty Production and Lifetime in the Upgraded Q' Spectrometer; CERN - Geneva - Genova - Milan - Moscow - Paris - Rome - Santander - Valencia Collaboration; G. Diambrini-Palazzi).
3. Status Report on WA78 (Search for the Hadroproduction of Baryon-Antibaryon-Pairs; Bari - Brussels - CERN - London - Rome - Turin Collaboration; P. Pistilli).
4. Status Report on UA6 (Internal Hydrogen Jet Target in the SPS to Study Inclusive Electromagnetic Final States and A-Production in Proton-Antiproton and Proton-Proton-Interactions at 22.5 GeV cm.; CERN - Lausanne - Michigan Univ. - Rockefeller Univ. - Lund Collaboration; L. Camilleri).
5. Interactions of 50-200 GeV/AMU O¹⁶ Nuclei in Light and Heavy Absorbers (Krakow - Louisiana - Minnesota Collaboration; W.V. Jones; SPSC 85-6/P 209).
6. Detailed Measurements of Structure Functions from Nucléons and Nuclei; K. Rith; SPSC 85-18/P 210).
7. Study of High-Energy Nucleus-Nucleus Interactions with the Enlarged NA10 Dimuon Spectrometer (Bergen - Bordeaux - CERN - Ecole Polytechnique - Lisbon - Lyon - Neuchâtel - Orsay - Strasbourg - Valencia Collaboration; P. Sonderegger; SPSC 85-20/P211).
8. Investigation of Soft Photon Production in Hadronic Collisions Using the Omega Spectrometer (Athens - CERN Collaboration; Y. Goldschmidt-Clermont; SPSC 85-22/P 212).
9. A Hybrid Experiment to Explore High Energy Ion Collisions (Bari - CERN- Dublin - Nagoya - Rome - Turin Collaboration; P. Musset; SPSC 85-24/P 213).

Closed Session - Wednesday 27 March

at 09.00 hrs - Conference Room 6th Floor (Administration Building)

Tuesday 26 March

PRESENTATION

at 10.00 hrs - DD Amphitheatre
(Bldg. 31,3-005)

VAXclusters: Set-up and Management

by C.W. HOBBS*, Digital Equipment Corporation, Spitbrook, USA

Tuesday 26 March

CAS ACCELERATOR SEMINAR

at 14.30 hrs - Council Chamber

Background and Highlights of the UCLA Workshop on Laser Acceleration of Particles (January 7-18,1985)

by B.W. MONTAGUE / CERN

Wednesday 27 March

LEP SEMINAR

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

Controlling the LEP r.f. system

by E. CIAPALA / CERN-LEP

Thursday 28 March

DD SEMINAR

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

A Joint Academic Research Network in the Netherlands

by Gerard ROEFS / Philips, Netherlands

FOR INFORMATION / POUR INFORMATION:

Saturday 16 March



THE INSTITUTION
OF ELECTRICAL
ENGINEERS

London

at 16.15 hrs - Hotel «LE WARWICK»
14, rue de Lausanne
(Opposite Cornavin Station)
Conference Room «Rigi»

Sky-hooks, fish-warmers and hub-caps:
milestones in satellite communications
by A.W. RUDGE / ERA Technology

Interested non-members are also welcome to this talk and discussion.

For further information please contact: P. Bramham,
Tel. 3947