

l'hypothèse actuarielle retenue, il est prévu de demander à l'actuaire-conseil de donner son avis sur cette question et d'annexer celui-ci au document destiné du Comité des finances.

Le Conseil d'administration a entériné une proposition de l'Administrateur visant à désigner à titre provisoire la même banque en tant que dépositaire central de titres en gestion interne que celle qui avait été choisie pour assurer la consolidation et l'administration des titres gérés par les huit gestionnaires externes. Le Conseil d'administration a également approuvé l'ouverture d'un poste pour assurer le remplacement de la responsable du Service des prestations de la Caisse qui prendra sa retraite dans le courant de l'année prochaine. Il a approuvé le nouveau régime des signatures des membres du Conseil d'administration et de ses organes ainsi que du personnel de l'Administration de la Caisse et a entendu des explications de l'Administrateur sur les frais de gestion du portefeuille mobilier. Cet aspect est important dans toute caisse capitalisée, le but consistant à parvenir à réduire les coûts globaux dans toute la mesure possible sans pour autant nuire à la bonne marche de la caisse. Le Conseil d'administration a ensuite pris note du calendrier des élections et a nommé MM. L. Henny et R. Pittin scrutateurs. Par ailleurs, il a décidé de demander au Conseil du CERN de reconduire pour une année à compter du 1^{er} janvier 1994 le mandat de M. W.C. Middelkoop en tant que Vice-président du Conseil d'administration.

SEMINARS SEMINAIRES

Tuesday 9 November

DETECTOR R&D COMMITTEE

Open session

at 09.00 hrs – Auditorium

1. *RD-6 Status Report: Integrated transition radiation and tracking detector for LHC* (Aachen TH – CERN – Glasgow – JINR Dubna – INP Krakow – NPI St. Petersburg – Lund – Moscow Physical Engineering Inst. – P.N. Lebedev Phys. Inst. Moscow – MPI Munich – RAL – Siegen; DRDC 93-46; B. Dolgoshein).
2. *RD-7 Status Report: Central tracking with scintillating fibres* (CERN – DESY – Karlsruhe KfK – Lab. Génie Electrique, CRNS Toulouse – Kuraray Co. Tokyo – Bergische Univ. Wuppertal; DRDC 93-42; C. D'Ambrosio).
3. *RD-14 Status Report: Liquid Xenon (Krypton) calorimetry* (CERN – LIP Coimbra – Collège de France – IHEP Serpukhov; DRDC 93-44; T. Ypsilantis).
4. *RD-17 Status Report: Ultrafast readout of scintillating fibres using upgraded position-sensitive photomultipliers* (Annecy LAPP/IN2P3 – CERN – Iowa – Kyoto Sangyo – Messina – Osaka City – Pisa – CRN Strasbourg – Trieste – IHEP Serpukhov; DRDC 93-47; A. Penzo).

The Governing Board ratified a proposal by the Administrator to provisionally appoint as global custodian of internally managed securities the same bank that had been chosen for the consolidation and administration of the securities managed by the eight external investment managers. The Governing Board also approved a post for the replacement of the person in charge of the Benefits Service of the Fund who is due to retire in the course of next year. It approved the new system concerning the signatures of the members of the Governing Board and its bodies as well as the staff of the Administration of the Fund, and the Administrator provided information on the management costs of the movable assets portfolio. This is an important aspect in any capitalised Fund, since the goal is to reduce the overall costs as far as possible without prejudice to the good operation of the Fund. The Governing Board then took note of the timetable of elections and appointed Messrs. L. Henny and R. Pittin as polling officers. It also decided to request the CERN Council to reappoint Mr W.C. Middelkoop as Vice-chairman of the Governing Board for one year with effect from 1 January 1994.

5. *RD-29 Status Report: DMILL - A mixed analog digital radiation hard technology for high energy physics electronics* (CEA DSM DAPNIA Saclay – CEA DTA LETI Grenoble – CEA Bruyères-le-Châtel – Thomson TCS Grenoble – IN2P3 CPPM Marseille – LAL Orsay; DRDC 93-45; M. Dentan).
6. *Proposal: Very forward hadron calorimetry at the LHC using parallel plate chambers* (CERN – CIEMAT Madrid – Florence – ITEP Moscow – KFKI Budapest & ATOMKI Debrecen; DRDC 93-43/P51; A. Ferrando).

Closed session

Tuesday 9 November following the Open Session
continuing on Wednesday 10 November
at 09.00 hrs, 6th floor Conference Room

Tuesday 9 November

PRESENTATION

at 10.00 hrs – CN Auditorium
bldg 31/3-005

Industrial VME products

by OR Industrial Computers

Or Industrial Computers (Augsburg, Germany) is a manufacturer of single-height VMEbus equipment for industrial applications. Among their customers are companies from the automobile, industrial control, space and aerospace industries. The presentation will cover the following topics:

- OR Industrial Computers: company overview
- Product overview (incl. latest updates)
- 68040-based single-board computer
- OS9 and X-windows with VGA34
- VMEbus PC/AT and LynxOS
- Lightbus: fast distributed I/O
- OS9 and MS Windows
- Demo and discussion

Tuesday 9 November

CERN COLLOQUIUM

at 16.30 hrs – Auditorium*

New directions in applied physics

by Freeman DYSON / Institute for Advanced Study, Princeton

* Tea & coffee will be served at 16.00 hrs.

Wednesday 10 November

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Orthodox or ensemble interpretations of quantum mechanics? A new solution of the hidden-variable and measurement problems

by Milos LOKAJICEK / Institute of Physics, ASCR, Praha, Czech Republic

The currently-used quantum-mechanical model involving a series of logical paradoxes and providing very bizarre characteristics of the microworld is shown to contradict physical reality. As demonstrated by an example of a two-particle system, all these problems can be avoided by a slight extension of the model. However, this extension leads to important changes in the interpretation of the so-called EPR experiments and their possibilities of bringing a decision between standard quantum mechanics and an alternative with hidden variables. The latter alternative seems to be preferred by a new kind of experiments proposed by the members of the Institute of Physics of the ASCR in Prague.

Thursday 11 November

LEP EXPERIMENTS COMMITTEE

Open session

at 09.00 hrs – Auditorium

09.00-09.20 Report on LEP operation (R. Bailey)

09.20-09.50 Report on LEP II preparation (C. Wyss)

Status reports on the experiments

09.50-10.10 ALEPH

10.10-10.30 L3

10.30-10.50 OPAL

10.50-11.10 DELPHI

11.10-11.30 Coffee break

11.30-12.00 Proposal for a new Silicon Microvertex Detector for OPAL

12.00-12.40 Proposal for an Internal Jet-Target Experiment at LEP (B. Vuaridel)

12.40-13.00 Report on synchrotron radiation studies (G. Von Holtey)

Closed session

at 14.00 hrs – 6th floor Conference Room
Main Building, bldg 60

Friday 12 November

CERN PRESENTATION

10.00 hrs – CN Auditorium (en Français)

14.00 hrs – CN Auditorium (in English)
bldg 31/3-005

EDH (Electronic Document Handling) Présentation générale de EDH pour Mac, MsWindows et X-Windows

General presentation of EDH for Mac, MsWindows and X-Windows

by Olivier DELERM & Jurgen DE JONGHE /
CERN-AS

Nous présenterons EDH, le système électronique pour créer et approuver les formulaires internes du CERN (DAIs, TIDs et JOBs MT). Cette présentation est destinée aux débutants et aux personnes peu expérimentées.

We will present EDH, the electronic system to create and approve CERN internal forms (DAIs, TIDs and MT JOBs). This presentation is reserved for beginners or users with little experience.

Friday 12 November

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

A new QCD picture of diffractive scattering

by Jean-René CUDELL / McGill University,
Montreal

After a brief review of diffractive data, I discuss the results of perturbative QCD calculations at high energy, and demonstrate that the infra-red region cannot be overlooked. I show that it is possible to consistently modify the perturbative results to take into account the non-perturbative effects described by recent solutions to the QCD Dyson-Schwinger equations, and hence that a consistent QCD picture of diffractive scattering is emerging. I illustrate those ideas with an explicit order α_s^3 calculation, and discuss their consequences for supercollider physics

Tuesday 16 November

LARGE HADRON COLLIDER COMMITTEE

Open session

at 09.00 hrs – Auditorium