RESULTATS DE LA CAISSE DE PENSIONS EN 1991

En 1991, la performance de la Caisse a été de 9,04 %. Ce résultat a fait l'objet de plusieurs comparaisons, en particulier par rapport aux parts mixtes gérées par les grandes banques helvétiques pour le compte des fondations de placement suisses pour caisses de pensions. Il s'avère que la Caisse est parvenue à obtenir une performance tout à fait satisfaisante, eu égard surtout au fait que celle-ci a été obtenue sans se démarquer de la politique prudente de "bon père de famille" à la base de toute la stratégie de placement de la Caisse.

Dans une perspective à plus long terme, la performance de la Caisse a été la suivante :

**Performance brute (TWR)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Durée</td>
<td>35 ans</td>
<td>20 ans</td>
<td>10 ans</td>
<td>5 ans</td>
</tr>
<tr>
<td>Taux annuel</td>
<td>4,73 %</td>
<td>5,04 %</td>
<td>7,02 %</td>
<td>5,13 %</td>
</tr>
<tr>
<td>Inflation</td>
<td>3,88 %</td>
<td>4,26 %</td>
<td>3,57 %</td>
<td>3,68 %</td>
</tr>
</tbody>
</table>

Comme on peut le constater, l'objectif d'un rendement à long terme de 3 % au-dessus de l'inflation à Genève n'a pas été atteint mais on s'en approche si l'on examine les résultats des dix dernières années.

1) Moyenne géométrique des performances annuelles pour la période considérée (TWR).

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The English version will be published next week.

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SEMINARS
SEMINAIRES

Tuesday 1 September

SPS AND LEAR EXPERIMENTS COMMITTEE

at 9.00 hrs – Auditorium

Open session :

1. Status report and request for proton beam time in 1993 from the CERES/NA45 collaboration (Study of electron pair production in hadron and nuclear collisions at the CERN SPS) : H.J. Specht.

Closed session

Tuesday 1 September

at 14.00 hrs, continuing on Wednesday 2 September

at 09.00 hrs in 6th floor Conference Room

Wednesday 2 September

PS SEMINAR

at 11.00 hrs – PS Auditorium

bldg 6/2-024

The new PS slow extraction

by Ch. STEINBACH

Due to the obsolescence of several of its components, the slow extraction from the PS to the East area was completely overhauled last March. In addition, the new scheme aims to:

- improve the vacuum for future Lead acceleration by means of a reduction in the number of septa and a change in their technology,
- avoid synchrotron radiation damage to the septa during lepton cycles by installing them towards the centre of the machine.
The layout is totally different from the previous scheme and a novel method of optimization of the effect of septa has been introduced. The beam dynamics, the layout, the main characteristics of the hardware and the performances will be presented.

Wednesday 2 September
THEORETICAL SEMINAR
at 14.00 hrs – TH Conference Room
Recent developments in superstring phenomenology by Jan LOUIS / CERN
Recent developments in superstring phenomenology are summarized.

Thursday 3 September
MEETING OF THE DETECTOR R & D COMMITTEE
at 09.00 hrs – Auditorium
Open session
1. Introductory remarks.
2. LAA projects (H. Leutz).

Closed session
Thursday 3 September
at 14.00 hrs continuing on Friday 4 September at 09.00 hrs in 6th floor Conference Room

Jeudi 3 septembre
PRÉSENTATION TECHNIQUE
– de 09.00 à 16.00h – parking PTT, bât. 63
Roschi Telecommunication AG (CH) propose en démonstration sa gamme d’appareils de mesure électronique:
– Rohde & Schwarz (D): récepteur de mesure de champ électrique EMI, analyseurs de spectre, analyseurs de modulation, générateurs de fonctions, générateurs HF et voltmètres, millivoltmètres, analyseurs de réseau, contrôleurs de processus.

Thursday 3 September
CERN SPECIAL SEMINAR
at 16.30 hrs – Auditorium
Operation of the 120 Megapixel CCD tracking detector in the SLD collider experiment by C. DAMERELL / Rutherford Appleton Laboratory & S. WATTS / Brunel University
The silicon pixel vertex detector in SLD consists of 480 charge coupled devices (CCD) which cover an area of ~ 50 cm² with a total number of 1.2 x 10⁸ sensitive elements. After a long period of R&D this detector is now taking data since 5 months and the first results will be shown.

Friday 4 September
MEETING ON PARTICLE PHYSICS
PHENOMENOLOGY
at 14.00 hrs – TH Conference Room
The perturbative QCD pomeron and the Parke-Taylor amplitudes by Vittorio DEL DUCA / SLAC
At LHC and SSC energies the perturbative QCD pomeron is expected to be relevant for the pp total cross section, the minijet multiplicity and as a background to virtual W, Z boson scattering events. We examine the pomeron signature through the multigluon amplitudes available: Lipatov’s and Parke-Taylor’s.

Monday 7 September
DETECTOR SEMINAR
at 11.00 hrs – ECP Conference Room
bldg 13/2-005
Synthetic (CVD) Diamond for Particle Detectors by Grant Lu / Norton Diamond Film, Northboro, USA
Diamond has an exceptional combination of properties, including highest thermal conductivity, large bandgap, high refractive index, wide transmission range, large carrier mobilities and radiation hardness. However, natural diamond and diamond synthesized by the high pressure, high temperature process have been limited by small size and high cost. Diamond is now available in large wafer form with quality approaching that of the best natural diamond. This diamond is synthesized by chemical vapor deposition. Fabrication technology and properties of CVD diamond will be discussed. Several different methods of using diamond as a particle detector have been proposed. Experimental results showing minimum ionizing particle detection will be presented. Advantages over conventional silicon pn junctions include higher collection speed and radiation hardness.
TEN YEARS ON SUSY CONFRONTING EXPERIMENT:
OUTLINE PROGRAMME OF THE WORKSHOP
to be held on 7-9 September – Auditorium

Monday 7 September

I. THEORETICAL INTRODUCTION
Chairperson: J. Allaby (CERN)
09.00-09.45 1) Motivations and MSSM
09.45-10.30 2) Virtual SUSY
10.30-11.00 Coffee break
11.00-11.45 3) Evidence from GUTs?
11.45-12.30 4) Superstring phenomenology to be followed by discussion contributions

II. SUSY AT LEP
Chairperson: F. Dydak (MPI-Munich/CERN)
14.15-15.00 1) Review on sparticles from all LEP experiments
15.00-15.45 2) Review on Higgses from all LEP experiments
15.45-16.15 Coffee break
Chairperson: P. Fayet (ENS-Paris)
16.15-17.00 3) LEP200-Prospects for Higgses
17.00-17.45 4) LEP200-Prospects for the other sparticles

Tuesday 8 September

III. SUSY AT OTHER PRESENT COLLIDERS
Chairperson: G. Altarelli (CERN)
09.00-09.40 1) The CERN SprsS : A summary of results
09.40-10.20 2) FNAL Tevatron : Sparticle searches at CDF – Present results and future prospects
10.20-10.45 Coffee break
10.45-11.20 3) FNAL Tevatron: Standard top searches at CDF
11.20-11.45 4) FNAL Tevatron: Non-standard top searches at CDF
11.45-12.15 5) FNAL Tevatron: Prospects for SUSY searches at D
12.15-12.45 6) HERA : Prospects for SUSY searches

IV. SUPERCOSMOLOGY
Chairperson: Ch. Tao (Collège de France-Paris)
14.15-14.55 1) SUSY from the sky or “Beyond the Standard Model without accelerators”: Theory
14.55-15.35 2) SUSY from the sky or “Beyond the Standard Model without accelerators”: Experiment & Detection issue
15.35-16.05 Coffee break

V. FUTURE ACCELERATORS: SUSY PROSPECTS
Chairperson: L. Foà (SNS-Pisa)
16.05-16.45 1) Theoretical introduction: Predicted decay modes, cross-sections, etc.
16.45-17.30 2) Theoretical introduction: Supersymmetric Higgses
17.30-18.30 3) The Monte-Carlos

Wednesday 9 September

VI. FUTURE ACCELERATORS: THE MACHINES & THE DETECTORS
Chairperson: P. Darriulat (CERN)
SSC Collaborations:
14.15-14.45 1) The SuperExperiments : GEM
14.45-15.15 2) The SuperExperiments : SDC
LHC Protocollaborations:
15.15-15.45 3) ASCOT/EAGLE
15.45-16.15 Coffee break
16.15-16.45 4) CMS
16.45-17.15 5) L3 + 1
17.15-18.00 Summary talk
Closing remarks

For further information, please contact:
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E-mail: RENAULT@CERNVM