

administratives et les circulaires opérationnelles – l'Association du personnel n'a pas pu approuver les textes proposés, qui réduisent l'autorité déléguée par le Directeur général au Comité. Ce dernier a convenu de chercher à régler la question et à s'entendre sur le texte des documents proposés lors d'une réunion hors CCP.

7. **Projet de Circulaire administrative n° 10 intitulée "Le dossier personnel administratif et la protection des données à caractère personnel"**

Le Comité a approuvé cette circulaire administrative, sous réserve de quelques modifications proposées par l'Association du personnel et d'éclaircissements sur la question précise de la communication de données personnelles à l'extérieur du CERN. Le Président a remercié toutes les personnes ayant participé à l'élaboration de cet important document.

8. **Divers**

- **Fonds d'entraide:** Le Comité a pris note du rapport de 1993 du Fonds et approuvé son budget prévisionnel pour 1994.
- **Réunions d'information du personnel:** Le Comité a été informé que l'Association du personnel tiendra en principe des réunions d'information pour le personnel au niveau des divisions.
- **Sous-groupe du CCP sur l'examen de la rémunération du personnel du CERN:** L'Association du personnel a désigné L. Vos et F. Wittgenstein pour la représenter.
- **Vente d'alcool dans les restaurants:** Une recommandation du Groupe de prévention de l'alcoolisme limitant la vente de boissons alcoolisées dans les restaurants pendant les jours ouvrables doit en principe être soumise au Comité de management du CERN. Par la même occasion, le Groupe souhaite relancer la campagne de prévention de l'alcoolisme.
- **Informations sur les allocations familiales en France (CAF)** publiées dans le Bulletin hebdomadaire n° 13/94: Le Comité a pris note des informations données par la Direction sur ce point, qui fait encore l'objet de discussions avec les autorités françaises.

La prochaine réunion ordinaire du Comité de concertation permanent est prévue pour le mercredi 29 juin 1994.

7. **Draft Administrative Circular no. 10 entitled "The Personal Administrative File and the protection of personnel data"**

The Committee approved this Administrative Circular, subject to some amendments proposed by the Staff Association and to clarification on the specific point of communication of personal information outside CERN. The Chairman thanked all persons concerned in the preparation of this important document.

8. **Other Business**

- **Mutual Aid Fund:** The Committee took note of the 1993 Report of the Fund and approved its provisional budget for 1994.
- **Staff Information Meetings:** The Committee was informed that the Staff Association is to hold Staff Information Meetings at Divisional level.
- **SCC Sub-Group on the Review of the Remuneration of CERN Staff:** The Staff Association has nominated L. Vos and F. Wittgenstein.
- **Sale of alcohol in the restaurants:** A recommendation by the Group on alcoholism prevention limiting the sale of alcoholic beverages in the restaurants on working days is to be submitted to the CERN Management Board. At the same time, the Group wishes to reactivate the campaign for the prevention of alcoholism.
- **News about French family allowances (CAF)** published in Weekly Bulletin no. 13/94: The Committee took note of information provided by the Management on this matter, which is under discussion with the French authorities.

The next regular meeting of the Standing Concertation Committee is to take place on Wednesday 29 June 1994.

SEMINARS SEMINAIRES

Monday 13 June

DETECTOR SEMINAR

at 11.00 hrs – ECP Conference Room
bldg 13/2-005

Detectors with CsI photocathodes covered by liquid and solid rare gases

by V. PESKOV / Fermilab

We study the possibility to build detectors with CsI photocathodes covered by liquid and solid rare gases. It was found that the quantum efficiency of CsI photocathodes immersed inside LXe or LKr are almost twice higher than in vacuum and reach the value of 20-35%. We tested also the operation of photocathodes covered by very thin films of

liquids and combined to gas detectors. In the case of solid Ar, Kr and Xe, the CsI quantum efficiency could be (depending on the quality of the solid structure) twice higher than in the liquid phase. For example, in solid Xe the quantum efficiency reaches a value of 60-70%. It opens new possibilities in application such as calorimetry, nuclear medicine and astrophysics.

Monday 13 June

PPE SEMINAR

at 16.30 hrs – Auditorium*

Strange particle production in central S+Ag collisions at 200 GeV/nucleon

by Sonja KABANA / University of Frankfurt

Heavy ion collisions at ultrarelativistic energies offer a novel experimental access to the investigation of the strong interaction. The study of the flavour content of the final state hadrons could help to elucidate the underlying collision dynamics. This talk will focus on recent NA35 results on

strange particle (Λ , $\bar{\Lambda}$, K^0 , K^+ and K^-) production in central S+Ag collisions. Spectra and multiplicities of these particles will be shown and discussed in comparison with other data on strangeness production in p-p, p-nucleus and nucleus-nucleus collisions.

Tuesday 14 June

SPECIAL SEMINAR

at 14.00 hrs - TH Conference Room

**Direct photons and dileptons at SPS :
a signal of the "mixed phase"?**

by E.V. SHURYAK / Stony Brook

Recently four CERN experiments, studying high energy heavy-ion collisions at SPS, have produced their first preliminary data on the "penetrating probes", telling us about the earliest stages of the collisions. Direct photons were seen by WA80, while NA34/3 and NA38 and CERES have observed in central collisions a significant excess of dileptons over the known sources. Theoretical evaluation of their yield shows that the most important stage of the collision is the "mixed phase", with $T \approx T_c$ and the main reactions are those involving the A_1 meson. However, with the conventional expansion scenario, in *all four* experiments one sees the yields *larger* than calculated. It may indicate that expansion in the "mixed state" takes more time than was believed before.

Tuesday 14 June

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

The structure function g_1^p and the spin content of the nucleon

by Tjeerd KETEL / NIKHEF and Free University, Amsterdam

The new measurement by SMC of the spin-dependent structure function $g_1^p(x, Q^2)$ in the kinematical range of $Q^2 > 1 \text{ GeV}^2$ and $0.003 < x < 0.7$ confirms the surprising result of the earlier EMC experiment on the proton spin. The first moment of this structure function $\int_0^1 g_1^p dx = 0.136 \pm 0.011 \pm 0.011$ is smaller than the Ellis-Jaffe sum rule. From the measured value a total quark-spin contribution $\Delta\Sigma = 0.22 \pm 0.14$ and a contribution $\Delta s = -0.12 \pm 0.06$ from strange quarks to the nucleon spin can be inferred within the QCD-corrected quark parton model.

* Tea & coffee will be served at 16.00 hrs.

Wednesday 15 June

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Phenomenological implications of the top quark mass fixed point in the MSSM

by Carlos WAGNER / CERN

The fixed point solution for the top quark mass appears as a prediction in many well-motivated theoretical scenarios. I discuss the phenomenological implications of such a solution. I describe the properties of the Higgs, squark and chargino spectra of the theory and their implications for the neutral and charged Higgs search at LEP2, the $b \rightarrow s$ gamma decay rate and the precision measurements at LEP.

Wednesday 15 June

WOLFGANG SCHNELL FEST

at 15.30 hrs – AT Auditorium
bldg 30, 7th floor

15.30 The PS Era – K. Johnsen

15.50 The ISR Era – K. Hübner

16.10 The LEP Era – G. Plass

16.30 Linear Collider Studies – U. Amaldi

Information : S. Myers / SL / 3406

Wednesday 15 June

COMPUTING SEMINAR

at 16.00 hrs CN Auditorium
bldg 31/3-005

Film : "GEANT steps into the Future"

by René BRUN / CERN-CN

At the recent CHEP94 conference, a film illustrating the most recent developments in the GEANT and PAW packages was presented. The GEANT and PAW development teams are pleased to invite you to see a shorter version of this film (36 minutes). The film is divided into 3 parts :

- GEANT has been used to simulate a huge number of detectors. We present a small subset (25 detectors) with animated pictures, including new rendering techniques and some examples of showers presented in an unusual way.
- Examples of interactive sessions illustrating the capabilities of the most recent GEANT version 3.21 combined with PAW. An application to the ATLAS reconstruction and viewing program is shown.
- Directions for future developments.

Friday 17 June

AC SEMINAR

11.00-12.00 hrs – AT Auditorium
bldg 30, 7th floor

Application software development under contract using the ESA software engineering standards

by Bernard DENIS / CERN-SL

The SL Control Group is considering contracting out parts of its future software developments. It was therefore decided to set up a pilot project to explore its applicability to our specific environment and to build up some initial experience. The need to re-engineer the SPS Software Interlock System (SSIS) provided such an opportunity and the ESA-PSS-05 standards – currently used in space industry – were selected for the requirements specifications, the development by the contractor, and the management of the project. The experience was most positive. The application software produced by the contractor, Societa Italiana Avionica (SIA), passed the acceptance tests in May 1994 and is now to a large extent in operation. This seminar will briefly outline the project, its scope and complexity, and will introduce the ESA-PSS-05 standards in the context of this project. Emphasis will be put on how the ESA software engineering standards eased the subcontracting process.

Friday 17 June

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Higher-order $1/m$ corrections in heavy quark effective theory

by D. PIRJOL / Inst. für Physik, Universität Mainz

A presentation of the existing derivations of a heavy quark effective theory (HQET) is made from a unified point of view. It is shown that a correct normalization of the heavy quark field in the effective theory is crucial for making explicit the mass dependence of the matrix elements. A possible variant of HQET which satisfies this requirement and which is constructed from a sequence of Foldy-Wouthuysen transformations is presented. The renormalization of the resulting effective Lagrangian to order $1/m^2$ is presented, including also effects arising from vacuum polarization.

Tuesday 21 June

PRESENTATION

at 09.30 hrs – Conference room no 1*
bldg 600

Data storage at Los Alamos

by Bill COLLINS / Los Alamos National Laboratory

* Please note unusual location

Tuesday 21 June

PRESENTATION

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

ECANSE a new neural tool

by Thomas BAUMANN / SIEMENS Austria

Wednesday 22 June

CERN COMPUTING SEMINAR

at 16.00 hrs – CN Auditorium
bldg 31/3-005

WebMaker – A FrameMaker to WWW Converter

by Bertrand ROUSSEAU / CERN-ECP/PT

POUR / FOR INFORMATION

UNIVERSITE DE GENEVE

Département de physique nucléaire et corpusculaire

24, quai Ernest-Ansermet

1211 Genève 4

Tél. 022 702 6273

Fax 022 781 2192

Mercredi 15 juin

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

à 17.00 h – Auditoire Stückelberg

Tour d'horizon de la théorie des cordes: développements récents et applications phénoménologiques

par Marti RUIZ-ALTABA / DPT, Université de Genève

On passera en revue les principales idées physiques caractérisant la théorie des cordes, tout en les illustrant avec quelques exemples physiques. Ensuite, on fera un tour rapide

de quelques notions à la mode, telles que symétries topologiques, symétries conformes, symétries quantiques, dualité étendue, etc. Enfin, on s'adressera à deux sujets plus proches de notre monde quadri-dimensionnel: les trous noirs, avec une brève discussion du principe de complémentarité de 't-Hooft, et les applications de la technologie des cordes au calcul d'amplitudes d'ordre supérieur en QCD.

EDUCATION SERVICES EDUCATIFS

ENSEIGNEMENT GÉNÉRAL

Tél. 5811

Jeudi 16 juin

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

ACADEMIC TRAINING

Tel. 3127

LECTURE SERIES

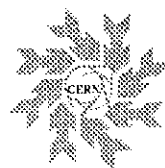
13, 14, 15, 20 & 21 June

11.00 to 12.00 hrs – Auditorium

Accelerators and Energy Production

by C. RUBBIA / CERN-AT

Postponed



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

Monique Duval ☎ 44.60
eductech@cernvm

A few places are available in the course

Accounting and BHT
June 21, 22, 23 from 9.00 to 12.30 hrs

If you are interested please contact the Technical Training Secretariat by phone or by electronic mail at Eductech@cernvm. The price for this course is 300 SF.