

partient au Département du Personnel, auquel cas un autre Chef de Division sera désigné par le Directeur général pour s'occuper de l'affaire. Si la conclusion de l'enquête est négative, il incombe au premier nommé d'informer l'intéressé que la présomption n'est pas fondée et qu'en conséquence aucune autre mesure prévue par la procédure ne sera prise. L'Association du Personnel a demandé que cette Section fasse l'objet d'un réexamen qu'il a été convenu d'inscrire à l'ordre du jour de la révision de 1984.

Les projets de procédure et de mandat du STAC (Commission chargée des changements de catégorie des Assistants techniques et administratifs principaux) ont été présentés; les commentaires seront pris en considération lors du nouvel examen de la question par le Comité de Management, le 14 octobre 1982. Une fois approuvée, la procédure sera portée à la connaissance du personnel, selon la proposition du Président du STAC, d'abord par publication dans le Bulletin hebdomadaire et ultérieurement sous forme de circulaire administrative.

Le Président du Comité a annoncé que toutes les recommandations contenues dans le **rapport final du Groupe de travail sur 'La mise en oeuvre de la politique du CERN en matière de personnel'** ont maintenant été examinées par les membres du Groupe et le Comité Consultatif Permanent. Il a été établi un résumé des opinions exprimées sur la base desquelles des propositions seront élaborées pour permettre au Comité de parvenir à une conclusion sur les recommandations à soumettre au Directeur général. La version définitive de ces dernières sera mise au point le 27 octobre 1982.

Un document relatif à l'**indice des traitements du CERN 1982/1983** sera soumis au Comité des Finances le 4 novembre 1982 et, dès qu'il sera prêt, l'Association du Personnel en recevra un exemplaire. L'augmentation nette en pourcentage établie par le calcul serait de 4,81% en moyenne. On ne dispose pas encore de détails sur la situation dans les six Etats membres de référence.

En réponse à une question de l'Association du Personnel au sujet de l'état d'avancement du rapport interne sur la **Garantie des pensions**, le Président du Comité a déclaré que celui-ci est actuellement à l'examen, et il s'est engagé à veiller à ce que la situation actuelle évolue.

La prochaine réunion se tiendra le mercredi 27 octobre comme indiqué ci-dessus.

into consideration when it is discussed again at the Management Board on 14 October 1982. Once approved, the procedure will be brought to the notice of the personnel as proposed by the STAC Chairman, initially by publication in the Weekly Bulletin, and later as an Administrative Circular.

The Chairman reported that all the recommendations contained in *the final report of the study Group on 'Implementation of CERN Staff Policy'* has now been discussed between the members of the Group and the Standing Advisory Committee. A summary of opinions expressed has been made and proposals based on these will be drafted to allow the committee to reach a conclusion on the recommendations to be made to the Director-General. These will be finalised on 27 October 1982.

A paper on the *CERN Salary Index 1982/1983* will be submitted to the Finance Committee on 4 November 1982 and the Staff Association will receive a copy once it is prepared. The calculated net percentage increase would give an average of 4.81%. Details on the situation in the six reference Member-States are not yet available.

In reply to a question from the Staff Association on the status of the internal report on *Pension Guarantees* the Chairman replied that this was now under consideration and he undertook to follow up on the present situation.

The next meeting will be on Wednesday, 27 October as indicated above.

SEMINARS **SEMINAIRES**

Lundi 18 Octobre

SÉMINAIRE EF

à 11.00 h - Salle de Conf. EF, bât. 13, 2-005
Les chambres à fils
(cours pour non-spécialistes) (2)
par H. HILKE / CERN

Monday 18 October

ISR SEMINAR

at 14.30 hrs - ISR Auditorium, top fl. bldg. 30
Evaluation of the beam-beam effect in PEP using
Steve Myers' simulation program
by A. HUTTON / CERN-ISR

EP SEMINAR

at 17.00 hrs - Auditorium

Charmed particle properties in 360 GeV/c negative pion-proton and proton-proton interactions

by S. REUCROFT / CERN-EP

Results will be presented from the LEBC-EHS experiment NA16.

Tuesday 19 October

PROTON SYNCHROTRON AND SYNCHRO-CYCLOTRON COMMITTEE

Twenty sixth meeting

OPEN SESSION

at 09.00 hrs - Council Chamber

1. Information from the Chairman
2. The ISOLDE collaboration status report, request for machine time 1982-83 and technical plan for an extension of the ISOLDE experimental area (PSCC/82-54/M121; O. Schult).
3. Proposal for the continuation of mass determination through a double focussing mass spectrometer on line with ISOLDE [Orsay (CSNSM), PSCC/82-58/P62; 82-59/S62] and
Proposal for the continuation of atomic spectroscopy on alkali isotopes at ISOLDE [Orsay (CSNSM-Aimé Cotton); PSCC/82-63/P63; 82-64/S63; C. Thibault].
4. Study of nuclear moments and mean-square charge radii by collinear fast-beam laser spectroscopy (Mainz-Göteborg-CERN; PSCC/82-61/M123; R. Neugart).
5. Proposal for a new SC experiment on muon and muonium in molecular physics (CERN-Leicester-Rutherford Appleton Lab.; PSCC/82-55/P61; 82-56/S61; M. Symons).
6. Measurement of the $\Lambda^*(1520)$ radiative decay strength (Heidelberg-Saclay-Strasbourg; PSCC/82-62/M124; R. Bertini).
7. Reports from the Coordinators (R. Neugart and K. Kilian).

CLOSED SESSION

at 14.30 hrs - Salles A and C

Tuesday 19 October and Wednesday 20 October

LEP EXPERIMENTS COMMITTEE

CLOSED SESSION

Tuesday 19 October

at 09.00 hrs - Sixth fl. Conf. Room, Adm. bldg.

OPEN SESSION

Wednesday 20 October

at 09.00 hrs - Auditorium

09.00 hrs - 09.15 hrs Report by the Director-General

09.15 hrs - 10.00 hrs E. Picasso : Status of LEP

10.00 hrs - 10.45 hrs R. Taylor : Mini β insertion for LEP

CLOSED SESSION

at 10.15 hrs - Sixth fl. Conf. Room, Adm. bldg.

Mardi 19 Octobre

PRÉSENTATION TECHNIQUE

de 10.00 h à 16.00 h - bât. 864, salle 2-B12

BAUSCH ET LOMB France SA (USA/F) présente un ensemble de matériel de contrôle optique : **loupes binoculaires stéréozoom**, adaptables sur machines, éclairage coaxial, adaptateur photo, etc., applications contrôles et travaux - microscope de métallographie, grand champ, contrastes interdifférentiels, Normarski, polarisation, fond noir, etc., applications investigations et recherches - microscope microzoom - équipements photographiques sur tous ces matériels.

Langue : français

Renseignements : M. Diraison / FI / 4585

Tuesday 19 October

PLEASE NOTE CHANGE OF DAY

DD SEMINAR

at 14.00 hrs - DD Auditorium, bldg. 31, 3rd fl.

Utilizing a multiprocessor architecture in a data analysis environment - the design of MIDAS

by C.C. MAPLES / Lawrence Berkeley Laboratory

MIDAS, a modular interactive data analysis system, is a specialized computer facility being developed at the Lawrence Berkeley Laboratory. The system is designed to provide a highly interactive graphics-oriented, multi-user environment which permits problems to dynamically utilize the processing power of a multiple processor architecture. MIDAS is particularly suited to applications involving problems easily separate into distinct parts. Such applications can range from executing the separate data sets for a calculation simultaneously instead of sequentially, to the high-speed reductions and analysis of experimental data, to a variety of modeling of simulation programs (e.g. utilizing Monte Carlo calculations).

C. Maples will be at CERN all day. If you would like to meet him for detailed discussion contact C. Piney (CERN 2883 or Wylbur KIK.\$DN).

Wednesday 20 October

PS SEMINAR

at 11.00 hrs - PS Auditorium, bldg. 6, 2-024

Quark matter formation and heavy ion collisions

by M. JACOB / TH

Quantum chromodynamics provides some understanding for the confinement of quarks within hadrons of dimensions of the order of 1 fermi. It is then also expected that such a confinement should no longer hold at high enough density and temperature. What are the temperatures or densities relevant for such a transition? Could they be reached in heavy ion collisions and, if so, at which energies? How could related effects provide signatures for the transition? The talk will attempt to answer these questions and will also review the information obtained in the study of alpha-alpha collisions at the ISR.

Wednesday 20 October

THEORETICAL SEMINAR

at 14.00 hrs - TH Conf. Room
Vacuum stability in gauged extended supergravity

by P. BREITENLOHNER / Werner-Heisenberg-Institut, MPI Munich

Extended supergravity theories with N greater than or equal to 4 contain scalar fields. If the $SO(N)$ group is gauged the potential for these scalars is unbounded from below. Background configurations (classical solutions of the field equations) occur at maxima or saddle points of this potential. These configurations are stable in the sense that any localized fluctuation has positive energy (relative to the background).

CERN COMPUTER SEMINAR

at 16.00 hrs - Council Chamber*

Algebraic computation for all

by Anthony C. HEARN / The Rand Corporation, Santa Monica

Although algebraic computation programs have been in existence for over twenty years, their limitation to large, expensive main-frame computers has tended to restrict their use. The emergence of relatively cheap computers with large address spaces is beginning to broaden the appeal of such programs, and renew interest in their design and application. In this talk we shall consider the general capabilities of the present-day software, and determine how well matched it is to the emerging personal systems. In particular, the role of algebraic computation in the design of a personal scientific workstation will be considered.

Dr. Hearn will be at CERN from Monday 18 to Wednesday 20 October. If you wish to meet him, contact S. Kölbig at 4121.

On Tuesday 19 at 16.00 hrs, in the DD Auditorium, bldg. 31 on the 3rd fl., he will present the new version of REDUCE.

*Tea and coffee will be served before the seminar at 15.30 hrs.

Mercredi 27 Octobre

COMITÉ PROJET LEP

SÉANCE OUVERTE

à 14.30 h - Amphithéâtre des ISR, bât 30, 7e ét.

Infrastructure et transports pour l'installation du LEP

par G. BACHY / CERN

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 21 Octobre

de 13.00 h à 13.30 h - Amphithéâtre

Science pour tous

par R. CARRERAS

Il n'y aura pas de séance le 28 Octobre car l'Amphithéâtre n'est pas libre.

Prochaine séance : Jeudi 4 Novembre

ACADEMIC TRAINING

Tel. 2844

Thursday 21 October and Friday 22 October

at 10.30 hrs - Auditorium

Permanent magnet technology

by W. BARAN / Krupp Institute, Essen

Theory of permanent magnet state.

Permanent magnet materials, manufacturing processes and properties : hard ferrites, AlNiCo, rare earth metal-cobalt (RECo), other.

Design of permanent magnet circuits : conventional, analytical and numerical methods.

Typical permanent magnet circuits and applications, with emphasis on RECo-devices in particle optics.

Monday 25 October to Friday 29 October

at 11.00 hrs - Auditorium

Quantum processes in black holes and cosmology

by P.C.W. DAVIES / Newcastle Univ.

Though a satisfactory theory of quantum gravity remains elusive, there has been a growing realisation that a semiclassical theory, in which quantum fields interact with a classical background gravitational field, can predict meaningful and important new phenomena.

Among these are particle creation by black holes (the so-called Hawking effect) and in the early stages of the big bang. There are also peculiar 'vacuum' effects such as the inducement of negative energy by certain gravitational fields and/or spacetime topologies, and the generation of a cosmic repulsion contribution to gravity.

These lectures will provide an introduction to the basic concepts of the semiclassical theory and summarise some of the more important applications to black hole astrophysics and cosmology.