

l'examinera le 18 juin, ou, à défaut, le 2 juillet. Le Conseil de l'Association du Personnel discutera le document à son tour et exprimera son avis à la prochaine réunion du Comité consultatif permanent, qui examinera alors toutes les questions en suspens, à l'exception de celles traitées séparément par circulaire administrative.

Propositions concernant d'éventuelles mesures d'économies

L'Association du Personnel a formulé un certain nombre de propositions qui ont été élargies et discutées et qui feront maintenant l'objet d'un examen au niveau du Directoire.

Bonification des droits à pension des membres du personnel travaillant en roulement

Le sujet a été rediscuté par un groupe d'étude et des propositions sont actuellement examinées par les experts de la Caisse d'Assurances pour estimer les facteurs de coût impliqués.

Réunions futures

La prochaine réunion du Comité consultatif permanent se tiendra le mercredi 1er juillet 1981. Les dates proposées pour les réunions qui auront lieu pendant la deuxième moitié de l'année sont les mercredis 30 septembre, 4 novembre et 2 décembre 1981.

failing this, on July 2. The Staff Association will be discussing the paper at the next Staff Council and will give their views at the next Standing Advisory Committee, when all outstanding questions will be dealt with, other than any covered separately by an administrative circular.

Suggestions on possible economy measures

The Staff Association had made a number of proposals, which have been expanded and discussed and will now go forward for further consideration at Directorate level.

Crediting of pension rights for members of the personnel on shift work

This had been re-discussed by a study group, and proposals are now being studied by the experts of the Staff Insurance Scheme to estimate the cost factors involved.

Future meetings

The next meeting of the Standing Advisory Committee will be on Wednesday, 1 July 1981. Proposed dates for meetings scheduled for the second half of the year are : Wednesday 30 September, 4 November and 2 December 1981.

SEMINARS SEMINAIRES

TUESDAY 9 JUNE

INFORMAL DISCUSSION

at 14.00 hrs - Auditorium

"The status of the TPC-project"

by D. Nygren / LBL

Abstract : We will report on the present status of the TPC-project. Design parameters which may be important for the utilization of a TPC at LEP will be discussed.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"The role of valence-quarks and properties of jets in soft K^+p collisions"

by E. De Wolf / Brussels and Antwerp

Abstract : Data obtained in H_2 -bubble chambers MIRABELLE and BEBC, exposed to K^+ beams of 32 and 70 GeV/c, are analyzed in the context of quark-parton ideas and of jet-physics. We discuss in particular

- i) the significance of jet-similarities in low p_T hadron-hadron and deep-inelastic processes;*

ii) the role of valence quarks (diquarks) in the production of vector and tensor mesons, strange baryon and anti-baryon resonances and resonant and non-resonant particle systems.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

TUESDAY 9 AND WEDNESDAY 10 JUNE

LEP MACHINE ADVISORY COMMITTEE

- Open Session

Tuesday 9 June - ISR Auditorium

14.00 hrs - Conclusions of the Villars Meeting Relevant to the LEP Main Ring

by P. Strolin

15.00 hrs - Measurements on the Accelerating-Storage Cavity System
by G. Geschonke

15.30 hrs - Survey for LEP
by J. Gervaise.

- Closed Session at 14.00 hrs

Wednesday 10 June - Sixth Floor Conference Room, Administration Building

WEDNESDAY 10 JUNE

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Recent developments in a non-perturbative calculation of the infra-red behaviour of the axial gauge gluon propagator"

by M. Baker / Seattle

Abstract : We will describe a non-perturbative procedure for studying the infra-red behaviour of the axial gauge gluon propagator based upon the Dyson equations and Ward identities. We have analysed these equations both numerically and analytically and concluded that the propagator $\Delta_{\mu\nu}(q)$ behaves like $1/q^4$ in the infra-red limit. Consequently the axial gauge running coupling constant $g_A^2(q^2)$ behaves as $1/q^2$ as $q^2 \rightarrow 0$, which could be a signal for quark confinement.

CERN PARTICLE PHYSICS SEMINAR

at 14.00 hrs - Auditorium *)

"Muons in solid state physics"

by A.M. Stoneham / Theoretical Physics Div., AERE Harwell

Abstract : The muon is a very special solid-state probe whose polarisation can be monitored to give information on the site it occupies, the local fields it experiences and the time-dependence of these fields. This talk will discuss the physical processes involved, the way in which muon behaviour is characterized, and the implications for solid-state physics of the results.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.15 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

CERN COMPUTER SEMINAR

at 16.00 hrs - Council Chamber *)

"The Unix (*) operating system"

by R. Miller / Univ. of Wallongong, Australia

(*) Unix is a trade mark of Bell laboratories

Abstract : Unix is a small but powerful time-sharing operating system developed for the DEC PDP-11 at Bell Laboratories in 1971. Since then its use has propagated widely, especially among the academic and scientific communities. Recent version of Unix and Unix-like systems have been appearing like mushrooms, on machines ranging from Amdahl 470 to Zilog Z8000. It may well become a de facto standard for operating systems in the 80's. Why has Unix been so successful? Two factors will be discussed : the unique user environment - a well-coordinated set of tools for program development and text processing; and the clean high-level language implementation - an easily understood kernel which can be adapted to diverse hardware configurations. Some implications for future operating system design will also be discussed.

*) Note : Those attending this seminar are invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker. Tea and coffee will be provided.

THURSDAY 11 JUNE

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"An optical theorem for diffraction dissociation"

by W. Blum / Max-Planck-Inst. für Physik, München

Abstract : A model of diffraction dissociation is proposed in which there is a linear relation between the amplitude and the cross-section due to quantum-mechanical interference between the incoming and the outgoing waves. This behaviour is a consequence of the finite life-time of the excited state.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

THURSDAY 11 AND MONDAY 15 JUNE

SPECIAL SEMINAR

at 11.00 hrs - Auditorium

"An introduction to FORTRAN 77"

by M. Metcalf / DD

Abstract : Compilers conforming to the new ANSI FORTRAN standard, known as FORTRAN 77, are now widely available. The CDC version known as FTN5 is available on all our CDC machines and the IBM version known as VS FORTRAN should be available about the time these talks are given. In addition the compilers on VAX and NORD follow this standard. These compilers are likely to become the only ones available within a period of a few years, and it is highly desirable that new programs be written to this standard from now on. In these two lectures the FORTRAN 77 language will be reviewed; in the first we shall pick the cherries out of the cake, and in the second tackle less digestible topics.

FRIDAY 12 JUNE

PRESENTATION TECHNIQUE

9h00/16h00 - Salle 2-005, Bât.13

SODECO-SAIA (CH) propose :

- 9h00/12h00 - Automate programmable à mémoire Saia PC : pour simplifier vos problèmes de commande de façon décisive.

- 14h00/16h00 - Composants pour l'industrie : microrupteurs, détecteurs de proximité, moteurs synchrones et moteurs pas à pas, relais temporisés, compteurs d'impulsions électromécaniques et électroniques.

Langue : Français

Renseignements : M. Diraison / FI / 4585.

MONDAY 15 JUNE

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of Building 30)

"The M.I.T. electron linac and recirculator"

by R. Jung / ISR

EP SEMINAR

at 17.00 hrs - Auditorium

"MARK III : Present status and its physics program"

by Carlo del Papa / Univ. of Washington, Seattle

TUESDAY 16 JUNE

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"Gravitational wave experiments"

by G. Pizzella / Rome Univ.

WEDNESDAY 17 JUNE

SEMINAIRE PS

à 11h00 - Auditoire PS (Bât.6)

"Status of the LEP project"

- a) Status of the pre-accelerators
by G. Plass and D. Warner
- b) Performance et adaptation des machines circulaires EPA et PS
par Y. Baconnier.

CERN ENERGY SEMINAR - *TECHNICAL LEVEL*

at 16.30 hrs - Theory Conference Room

"Electricity and hydrogen as energy carriers for nuclear and fusion plants"

by C. Marchetti / IIASA - Laxenburg

THURSDAY 18 JUNE

CERN ENERGY SEMINAR - *GENERAL LEVEL*

at 16.00 hrs *) - Auditorium

"Electricity and hydrogen as energy carriers for nuclear and fusion plants"

by C. Marchetti / IIASA, Laxenburg

*) Please note change of time!

=====

POUR INFORMATION / FOR INFORMATION

=====

VENDREDI 12 JUIN

SEMINAIRE DU LAPP

à 10h30 - Amphithéâtre du LAPP

Laboratoire d'Annecy-le-Vieux de Physique des Particules, Chemin Bellevue, Annecy-le-Vieux (Haute-Savoie, France)

" $p\alpha$ and $\alpha\alpha$ collisions in the ISR"

by Martin A. Faessler / CERN-EP and MPI Heidelberg

Renseignements complémentaires auprès de :
M. Ch. Baglin/CERN-EP, tél. 4657, ou Laboratoire d'Annecy-le-Vieux, tél. (023) 23.32.45, int.325.

TRAINING AND *EDUCATION* *ENSEIGNEMENT*

JEUDI 11 JUIN

ENSEIGNEMENT GENERAL

Tél. 2844

13h00/13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras

FORMATION DE CADRES PAR COURS DU SOIR À GENEVE

Le Centre de Perfectionnement des Cadres de Genève (CPCG) est une association sans but lucratif, créée en 1961, offrant une formation de cadre par cours du soir (environ 20 séances par an). Le cours complet dure 3 ans.

Vous trouverez ci-dessous un extrait des sujets traités :

- Initiation au travail en groupe (par groupe)
- Comment aborder un problème
- Initiation à l'économie
- Problèmes économiques actuels
- L'entreprise et la recherche
- Analyse du potentiel technologique de l'entreprise
- Analyse du potentiel humain de l'entreprise
- Les flux de matières dans l'industrie
- Le contrôle de gestion
- Sélection, recrutement, embauche
- La mobilité du personnel
- Le gouvernement de l'entreprise.

Les Services d'Education et de Formation du CERN ont reçu des brochures d'information ainsi que des feuilles d'inscription. Si vous êtes intéressés, téléphonez-nous ou adressez-vous directement au secrétariat permanent du CPCG, rue des Terreaux-du-Temple 4, tél.32.09.40.

Nous rappelons à cette occasion que les Services d'Education et de Formation reçoivent de nombreuses brochures annonçant des cours ou séminaires à l'extérieur du CERN. Ces brochures sont à votre disposition et nous sommes prêts à vous donner toute information supplémentaire.

E. Fischer	5811	{	Formation technique, administrative, à la gestion, développement des capacités personnelles.
J. Huguenin	3346		
H. Alleyne	2460		
E. Roebuck	4005		Formations linguistiques.