



Week Monday 12 October

no 42/92

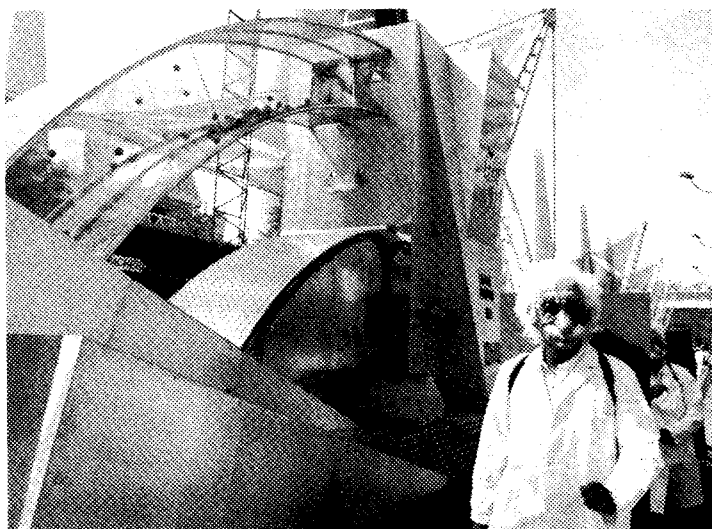
Semaine du lundi 12 octobre

CERN Day of Science at Expo'92 30 September 1992

Genius, originality and participation ... the scientists from CERN at EXPO showed the public that physics can be really interesting, said the Expo'92 Information Bulletin after the CERN Day of Science.

Some 500 scientists from all of CERN's 18 Member States took part in a scientific extravaganza which included demonstrations of scientific principles with experiments in the streets and a colourful parade with scientists and gymnasts dressed as particles, printed circuits, atoms and Einstein look-alikes dancing around a particle accelerator; in the evening, there was a modern ballet, Universe of Light, on the theme of the Big Bang. CERN Director-General Prof. Carlo Rubbia also presented prizes to the Young Scientists of the Future from each of our Member States. The CERN Day was the only day in the six months of Expo'92 devoted to Science and the attention of the 350,000 visitors was focussed on the activities organized by CERN which brought science out of the laboratory and into the street. The central theme of Expo'92 is discovery and the CERN Day set out to show that scientists are the explorers of our age. CERN's permanent exhibition at the Pavilion of the Universe, featuring a 27-metre-long section of the LEP tunnel, has already attracted about 1,500,000 visitors.

Expo'92 closes in Seville on 12 October.



La journée de la science et du CERN à l'Expo 92 30 septembre 1992

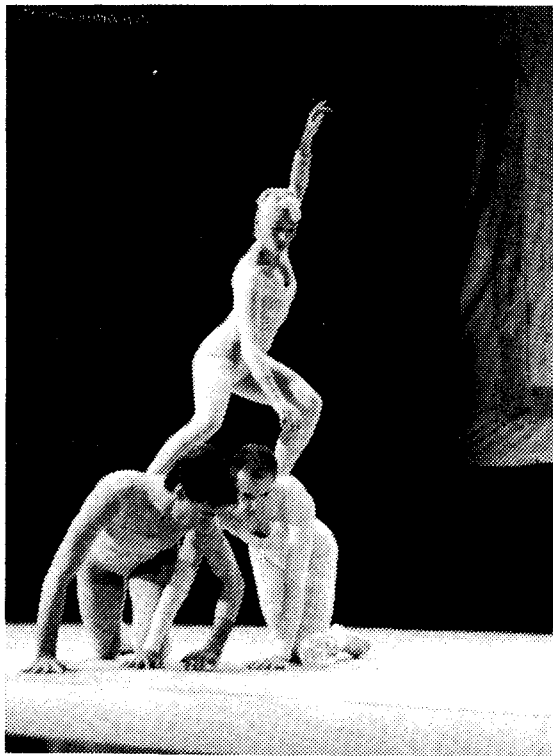
Génie, originalité, participation ... les scientifiques du CERN ont montré au public de l'Expo que la physique peut être réellement intéressante, affirmait le bulletin d'information de l'Expo 92 après la

journée de la science et du CERN. Environ 500 scientifiques représentant l'ensemble des dix-huit Etats membres du CERN ont pris part à un divertissement qui comprenait des démonstrations de principes scientifiques par des expériences dans la rue et un défilé haut en couleurs de chercheurs et de gymnastes déguisés en particules, en circuits imprimés, en atomes et en Einstein dansant autour d'un accélérateur de particules. En soirée, le Big Bang a servi de thème au ballet moderne 'Univers de Lumière'. Le Directeur général du CERN, le professeur Carlo Rubbia, a aussi remis des prix aux jeunes scientifiques de l'avenir sélectionnés dans chacun de nos Etats membres. La journée du CERN a été la seule consacrée à la science au cours des six mois de l'Expo 92 et le CERN a capté l'attention des 350 000 visiteurs par des activités qui ont sorti la science du laboratoire pour

la faire descendre dans la rue. L'Expo 92 a pour thème central la découverte et la journée du CERN se proposait de montrer que les scientifiques sont les explorateurs de notre temps. L'exposition permanente du CERN dans le pavillon de l'Univers, comprenant un tronçon de 27 m du tunnel du LEP, a déjà attiré environ 1 500 000 visiteurs.

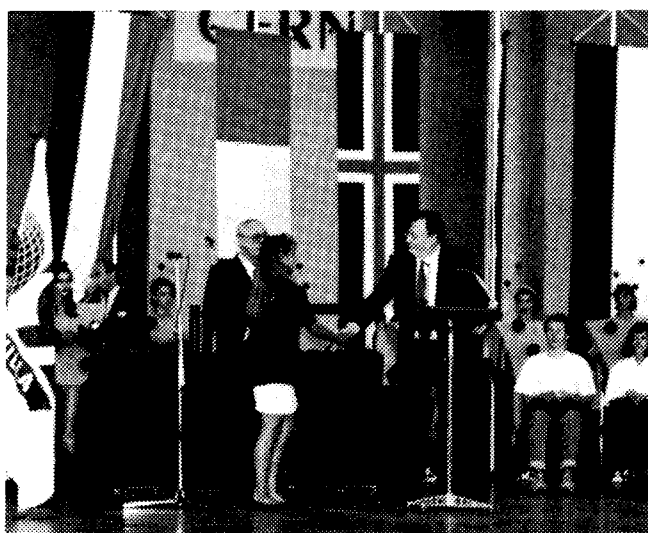
L'Expo 92 à Séville ferme ses portes le 12 octobre.





*CERN Day
of Science
at Expo'92
30 September 1992*

*La journée de
la science et
du CERN
à l'Expo 92
30 septembre 1992*



Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après.

La reproduction même partielle de ces informations par des personnes ou des institutions externes à l'Organisation exige l'approbation préalable de la Direction du CERN.

Members of the personnel shall be deemed to have taken note of the news under this heading.

Reproduction of all or part of this information by persons or institutions external to the Organization requires the prior approval of the CERN management.

ADVISORY COMMITTEE OF CERN USERS Summary of the 17th meeting held on 7 September 1992

Introduction

D. Toet, Chairman, opened the meeting welcoming H.-A. Gustafsson the new member for Sweden, and those replacing members unavoidably absent.

News from the CERN Management

P. Darriulat speaking on behalf of the Director-General said that no major issues had occurred since the previous ACCU meeting. With the accession of Hungary to CERN in June there were now 18 Member States. CERN had been prompt in expressing its deep concern at the decision of Congress not to fund the SSC. The reversal of this decision by Senate was welcomed, but it is too premature to comment further. The mini-LHC-Evian had had successful visits to Russia and Japan, and contacts at high level had been established. The LHC Committee has been formed under the Chairmanship of J.-J. Aubert. Two important meetings are scheduled: SPSLC at Cogne will discuss the future of LEAR, Super-LEAR and the West extraction, whilst LEPC will discuss the timetable for the upgrading of LEP. It is the intention to pay the Eurolep arbitration figure within two years, and part of the money will be found by reducing machine time this year and by delaying some projects scheduled for 1992.

Users' Office News

New Buildings

The Finance Committee has agreed to request a loan from FIPOI to fund the new Office and Laboratory building, and will be asked at its September meeting to accept an increase aimed at including infrastructure costs. Construction is expected to start in spring 1993 and last two years. The proposed plans for a new hostel are well in hand and should be presented to Finance Committee in December. If approved this will allow both buildings to be built simultaneously. ACCU, however, expressed concern about the apparent delays in the procedures for the new hostel, and requested the appropriate bodies to speed up the realisation of this project.

Operation of the new automatic telephone system and billing

This topic was debated at great length. Unanimous criticism was expressed that the system of line-attached PIN codes was inadequate and unacceptable. Nevertheless there was satisfaction with the simplified form of placing outside calls. The method outlined in the weekly Bulletin has not yet been implemented. Of the three alternative billing methods presented at the meeting, one was found to correspond to user needs and is reflected in the first recommendation (below).

ACCU requested the CERN Management not to introduce any changes in telephone charges until scrutinised by ACCU and the Member States. Three recommendations from ACCU, thought to be acceptable to users, were unanimously agreed for presentation to the CERN Management :

1. CERN should continue to pay long-distance telephone calls made by Member State users, along the lines existing before August 1992.
2. The new automatic system does not yet fulfil all essential requirements that arise in practice. ACCU requests that the necessary improvements be studied by the relevant experts, and discussed in ACCU. This includes the introduction of a PIN code not linked to a specific line.
3. In the meantime, in order to ensure a smooth transition, ACCU recommends that some form of adequate operator service be available, even outside working hours.

Payment by Credit Card at the Hostel

The following cards will be accepted from the end of September: American Express, Diners, Eurocard and Visa.

CERN Identity Cards

CERN Identity Cards became standard issue on 1 July 1992, and their date of expiry is linked to that of the individual's CERN documents. Holders of these cards will find advantages rather than inconveniences provided that they re-register before the expiry date. People holding expired cards will not be able to obtain access using their cards, but will remain on the phone

list and mail distribution list for a few months after the expiry date. Group Secretaries are encouraged to help users by warning them in advance before their CERN documents expire.

Fellows & Associates

E. Quercigh, Chairman of the Fellows and Associates Committee, presented the guidelines for selecting non-Member States Scientific Associates which had been approved by the Scientific Policy Committee, Finance Committee and Council in 1985. A copy of the guidelines was circulated to the ACCU Members.

Concerning the worry that there has been an increase in the number of Fellowships awarded to Applied Physicists to the detriment of Particle Physicists, a small group is looking into this and has submitted a preliminary report to CCCR, but it is premature to make any further comments.

Safety at CERN

A description of the obligations of CERN and the Members of Personnel, which includes Scientific Associates, with respect to safety was given by B. de Raad. He recalled that the CERN Bible for safety was the SAPOCO42 document. Since CERN straddles the Swiss/French border, it makes use of the strictest safety rules applicable in the host states in addition to those approved by the European Community.

Asked about the relationship on safety matters

between CERN and other organizations like RAL, B. de Raad replied that there is no formal contact between the bodies. However, informal contact has been established, and there is good co-operation on these matters. In the UK, legal safety responsibility rests with the employer even when the employee works abroad.

M. Höfert highlighted old and new problems concerned with radiation-protection. New users should be encouraged to bring a medical certificate showing their aptitude to work at CERN, not only for radiation reasons. Only 5% currently do this. He reminded the meeting that all radioactive sources and lasers must be registered with the Radiation-Protection group. Transport slips are mandatory for all movements of radioactive sources from any of the CERN sites to another.

Date & agenda for next meeting

The next meeting will be on 23 November 1992 starting at 10.00 hrs, and will continue in the afternoon. Items for discussion would include: Telephone billing, new buildings, Crèche, Academic Training, EPAC, Desk Top Publishing, etc.

CONSEIL D'ADMINISTRATION DE LA CAISSE DE PENSIONS

GOVERNING BOARD OF THE PENSION FUND

The Governing Board of the Pension Fund held its thirtieth meeting on 14 September 1992, at which the Fund's Consulting Actuary set out the results of the latest actuarial study drawn up as at 31.12.1991. This report is produced in obedience to the directive in the Rules and Regulations of the Fund which require such an examination to be made at least every three years. In his conclusions the Actuary found that the Fund could now be regarded as having achieved financial balance despite the revelation of a technical deficit in all the models examined but that 'the existence of this deficit is certainly not at present a cause for anxiety in view of the considerable financial effort to which the parties have agreed in order to ensure the Fund's long-term financial balance'. It should be pointed out that new parameters had been taken into account which had not been considered in the previous examination undertaken in 1988. A new mortality table showing longer life expectancy had been used, the rate of departures after the age of 55 was rising and account had had to be taken of the gradual increase in the overall rate of contributions and the new administrative costs which the Fund was now bearing. The Actuary recommended that the Fund's

bodies give close attention to any difference from the accepted parameters and, should such a situation arise, demanded that the Fund be suitably compensated. He made the special recommendation that proper financial compensation be provided for any decision which deviated from the actuarial assumptions. The actuarial study, together with the Governing Board's comments, would be submitted to the Finance Committee for information.

The Governing Board approved a recommendation by the Investment Committee on the choice of six new external managers. This decision follows the Governing Board's desire to entrust a greater share of the Fund's assets to the discretionary management of specialised European firms. These new managers are to be given similar investment instructions in order to create competition. They are due to start work next year. The Governing Board will still have to appoint a global custodian of securities beforehand.

The Governing Board also gave the go-ahead for the acquisition of real estate in the Netherlands. Although the Board had considered it very interesting, a second

real-estate project, in France, was not examined in detail owing to fiscal problems which have not yet been settled.

The Fund's preliminary budget for 1993 was approved. It is being increased from 1 830 000 CHF in 1992 to 1 940 000 CHF in 1993, a rise of 6%. This increase has primarily been necessitated by the acquisition of fund management software. It must be stressed that this budget is of the usual proportions required for the operation of a capitalised fund. It was drawn up in accordance with the Fund's current structure and does not therefore make allowance for structural changes which may be decided upon on the basis of the conclusions of the working group responsible for examining the operations of the Fund's Administration.

The Governing Board also approved the amended version of the regulations of the Investment Committee, which will still have to be submitted to the Finance

Committee in December for final approval. The Governing Board renewed the terms of office of Messrs. G. Maurin and A. Naudi as members of that Committee for three years. Mr. J. Bezemer's term of office had already been renewed in June for the same period.

Finally, in order to give the representatives of the members of the personnel the time needed to perform their duties in the operations of the Fund's bodies, it was proposed to amend Administrative Circular N° 13 to allow elected members of the personnel and their alternates time off from their ordinary professional duties. The new text will now be submitted to the Standing Concertation Committee.

The Governing Board regretfully took note of the deaths of three beneficiaries, Messrs. R. Famy, R. Gex and E. Ramm.

SEMINARS SEMINAIRES

Monday 12 October

TECHNICAL PRESENTATION

10.00–12.00 & 14.00–16.00 hrs

PS Auditorium – bldg 6/2-024

Struck, Electronics for High Energy and Industry (D), will present their latest developments :

- 200MHz Flash ADC-System DL515
- 40MHz low cost Flash ADC-System STR750
- Differential VSB Extension to Fastbus and CAMAC
- Enhanced version of CHI
- Quadruple DSP Module (MC96002) STR370
- Surface Inspection System AOD

Information : M. Diraison / FI / 4585

Monday 12 October

PRESENTATION

at 10.00 hrs – CN Auditorium

bldg 31/3-005

LynxOS Developments

by Bill GALLMEISTER / Lynx Real-Time Systems Inc., Los Gatos, California

LynxOS, a real time POSIX compatible operating system which runs on a variety of hardware platforms, has been used in CERN's accelerator control systems for about a year. The speaker will describe recent developments in LynxOS and related software from Lynx.

Bill O. Gallmeister is a software engineer at Lynx-Real Time Systems and vice-chairman of the IEEE POSIX 1003.4 working group (Realtime Extension for Portable Operating Systems).

Information : Julian Blake/CN-CE/4893/blake@dxcern

Monday 12 October

PPE SEMINAR

at 16.30 hrs – Auditorium

Experimental evidences for the box anomaly in η/η' decays and the electric charge of quarks

by M. BENAYOUN / Laboratoire de Physique Corpusculaire, Collège de France

Motivated by nearly unanimous claims that the observed mass spectrum $\eta' \rightarrow \pi^+ \pi^- \gamma$ is not that expected from pure ρ^0 dominance, we reanalyze all the published data on $\eta\eta' \rightarrow \pi^+ \pi^- \gamma$ decays. We find non-resonant contributions. In order to quantify precisely the magnitude of these terms, we also refit the $e^+e^- \rightarrow \pi^+ \pi^-$ data to get reliably the ρ^0 parameters and decay amplitude. We show that identifying the non—resonant contribution with the box anomaly predicted by QCD and chiral theories, one achieves a consistent picture. Several checks are performed which show the consistency of our fitted parameters. From four measurements, we determine f_1 , f_8 and θ_{ps} on purely experimental grounds, and we find them in the expected range. Presently available data allow for two solutions, one is consistent with QCD, the other favours integral charge quark models. We show that presently available data do not allow to discriminate among these two solutions. We discuss the interrelation of uncertainties in $e^+e^- \rightarrow \pi^+ \pi^-$ physics with our two solutions.

Wednesday 14 October

PS SEMINAR

at 11.00 hrs – PS Auditorium

bldg 6/2-024

Highlights from the 1992 Linear Accelerator Conference, Ottawa, August 1992

by M. VRETENAR / CERN-PS

The Linear Accelerator Conference held in Ottawa at the end of August presented a review of the wide variety of applications of Linear Accelerators; after an overview of the ongoing projects, the speaker will focus on some topics that have been

at the centre of discussion like the high brightness frontier, the different high beam power applications, the progress on RFQs, the relations between the Linac community and industry, and the debate on linear colliders.

Thursday 15 October

PRESENTATION

at 14.00 hrs – CN Auditorium
bldg 31/3-005

Real Time VME Products from Silicon Graphics

Through its involvement in the avionics and simulation markets SGI has developed a line of real time VME products which are binary compatible with its Workstation Product line providing for state of the art real time application development. Today our VME line includes MIPS Risc chip based 6U VME board sets, GL graphics based boards and real time extensions to UNIX, and make for a very solid working environment, allowing for easy software development, creation of Compute Farms (actual systems with more than 700 Mips and 130 MFlops), etc. Mark FUCCIO, Marketing Manager of Silicon Graphics Modular Systems Division of Mt. View/ Ca., will cover SGI offering in this area and will discuss SGI strategy for the real time systems.

Friday 16 October

PRESENTATION

10.00 to 12.00 hrs – CN Auditorium
bldg 31/3-005

OS-9/OS-9000 : Latest and future Software products

by Peter DIBBLE / Research Scientist, Microware Systems Corporation (USA)

This talk will review Microware's recent releases and discuss plans for the near and remote future. It will also include a substantial discussion of the philosophy guiding OS-9's evolution. Recent releases include the Ultra C compiler for the 68000 line, and a significant maintenance release of the OS-9000 operating system. The near future holds major new releases of PC and Unix cross development software, ISDN support for OS-9000 and OS-9, faster and smaller versions of OS-9, Ultra C for the 80386, and a recompiled OS-9000/386 that should perform much better than the current release. Hydra and Posix are progressing slowly, but are in the works.

Information : Douglas Kemp / CN/CE

Friday 16 October

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Lepto- and photoproduction of heavy quarks

by Gerhard SCHULER / CERN

Mechanisms of heavy quark production in lepton-nucleon and photon-nucleon reactions are reviewed. The important

role of fragmentation effects in the determination of the heavy quark masses and the gluon density at fixed-target energies is emphasized. Next-to-leading-order QCD corrections to photoproduction as well as neutral and charged current leptonproduction of heavy quarks are presented. Novel effects expected at asymptotic and possibly at HERA energies are discussed.

Tuesday 20 October

PRESENTATION

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

Oracle Libraries

by Georgina VERITY / Oracle Corporation

Oracle Libraries is a new library automation system dealing with all aspects of library management. Designed by librarians for librarians, the system uses an integrated approach providing in-built flexibility that can be used in all types of library. Oracle Libraries handles Cataloguing, Circulation, Acquisitions and Serials Control and has several features of interest to the HEP community:

- An intelligent OPAC that allows non-expert retrieval of complex data with automatic relevance ranking.
- The ability to link to external objects: word processing files, images, etc.
- Selective dissemination of information via profiles of user interests.
- Ability to analyse documents at several nested levels in order to cope with conference papers and other complicated publications.

Oracle Libraries will be demonstrated during the presentation.

Thursday 22 October

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

High temperature superconductivity : promises and challenges

by Paul C. W. CHU / University of Houston

Six years have passed since the inauguration of the era of high temperature superconductivity (HTS). Unprecedented progress has been made in all areas of HTS : material, science, and application. For instance, more than 75 compounds have been discovered with a transition temperature (T_c) higher than the liquid hydrogen temperature of 20.3 K, intrinsic properties of the compounds are being obtained for the development of a theoretical model following the improvement in the quality of samples, and several thin-film and bulk devices have been developed and tested. After a brief review of the current status of HTS research, I shall present and discuss our recent results on the prospects for HTS's with higher T_c and for bulk HTS's with high trapped field for magnet replicas.

* Tea and coffee will be served at 16.00 hrs

EDUCATION SERVICES EDUCATIFS



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

Monique Duval ☎ 44.60
eductech@cernvm

HP9000 System Administration November 9 to 13, 1992 (5 days)

This course is aimed at system administrators who wish to learn how to install, to personalize and to maintain the system software. It will also give information on the responsibilities of the system administrators.

The following topics will be covered :

- Tasks of the system administrator
- Hardware and software installation
- Setup of device files
- Disks setup (High performance File System format)
- Generating and maintaining the File System
- Creating and using a recovery system
- Users accounts management
- Printer management
- Kernel configuration
- Data backup commands
- Startup and shutdown procedures
- Process control utilities
- Interprocess communication.

This course is organized by the Technical Training but will be given at the Hewlett-Packard building in Meyrin. The number of participants is limited to 12.

Those who wish to apply should fill in an 'Application for Training' form which may be obtained from the Divisional Secretariat or the Divisional Training Officer (DTO).

A financial contribution of CHF 1000,- per person will be charged to the divisions.

Ce cours peut être donné en français ou en anglais.
Prière d'indiquer la langue préférée sur la
demande de formation.

ACADEMIC TRAINING

LECTURE SERIES FOR POSTGRADUATE
STUDENTS

Tel. 3127

12, 13 & 14 October

11.00 to 12.00 hrs – Auditorium

Gauge theories for pedestrians

by A. MASIERO / CERN-TH

Lectures 3 to 5

19, 21, 23, 26, 28 & 30 October

11.00 to 12.00 hrs – Auditorium

Electro-weak interactions in the Standard Model

by Riccardo BARBIERI / CERN-TH

The following subjects will be discussed :

1. *The construction and the symmetries (exact or approximate) of the theory*
2. *Quark-lepton universality*
3. *Flavour-changing neutral currents*
4. *CP violation*
5. *Radiative corrections and precision tests*
6. *The yet to be discovered particles : the top quark and the Higgs boson*

ENSEIGNEMENT GENERAL

Tél. 5811

Jeudi 15 octobre

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

INFORMATIONS GENERALES GENERAL INFORMATION

SERVICE MÉDICAL

Suite à la découverte d'aiguilles hypodermiques au service de récupération, les techniciens qui utilisent ces aiguilles à injection (style médical) en vente au magasin CERN, sont priés de les rapporter à l'Infirmierie – bât. 57 – Rez-de-chaussé – pour les éliminer après usage.

Il est **très dangereux** de les laisser traîner.

Merci de votre collaboration.

Dr E.P. Maquet

DEMENAGEMENT DE L'ASSURANCE MALADIE AUSTRIA

Les bureaux d'AUSTRIA ASSURANCES se trouvent désormais dans le bâtiment principal, rez-de-chaussée, à côté des PTT, bât. 63/R-001. Le numéro de téléphone reste inchangé : 2730. Les heures d'ouverture des guichets sont du lundi au vendredi de 08.30 à 12.00 h et de 14.00 à 16.00 h.

HORAIRE DU STANDARD TÉLÉPHONIQUE

Les heures d'ouverture du standard téléphonique, jours ouvrables seulement, ont été réadaptées en fonction du trafic constaté et des besoins des utilisateurs :

Matin, sans changement : ouverture à 08.00 h

Soir, nouvel horaire : fermeture à 19.00 h.

Nous vous rappelons qu'avec une utilisation des lignes directes vous aurez un meilleur service et vous contribuerez à diminuer la charge du standard.

Rappel

Durant la fermeture du standard, une ligne réservée pour les communications urgentes, et permettant les appels internationaux, est à disposition bât. 65, à la salle de contrôle des pompiers.

Service du Téléphone ST/MC

MEDICAL SERVICE

Following the discovery of hypodermic needles at the salvage service, technicians using such medical syringe-type needles on sale in the CERN store, are requested to bring them to the infirmary (building 57, ground floor) for destruction after use.

It is **extremely dangerous** to leave them lying around.

Thank you for your cooperation.

Dr. E.P. Maquet

TRANSFER OF 'AUSTRIA HEALTH INSURANCE' OFFICE

The office of the AUSTRIA HEALTH INSURANCE is now located in the Main Building on the ground floor, next to the Post Office, bldg 63/R-001. The telephone number remains 2730. The office is open for clients from 08.30 to 12.00 hrs and from 14.00 to 16.00 hrs Monday to Friday.

TELEPHONE EXCHANGE HOURS

The hours, on working days only, during which the telephone exchange is manned have been rescheduled in accordance with the demand recorded.

Opening time is unchanged at 08.00 hrs

New closing time: 19.00 hrs.

Please remember that the use of direct lines gives you better service and helps reduce the exchange's work load.

Reminder

When the exchange is closed, an international line for urgent calls only is available in the Fire Brigade control room, building 65.

Telephone Service ST/MC

COLLECTE DE SANG

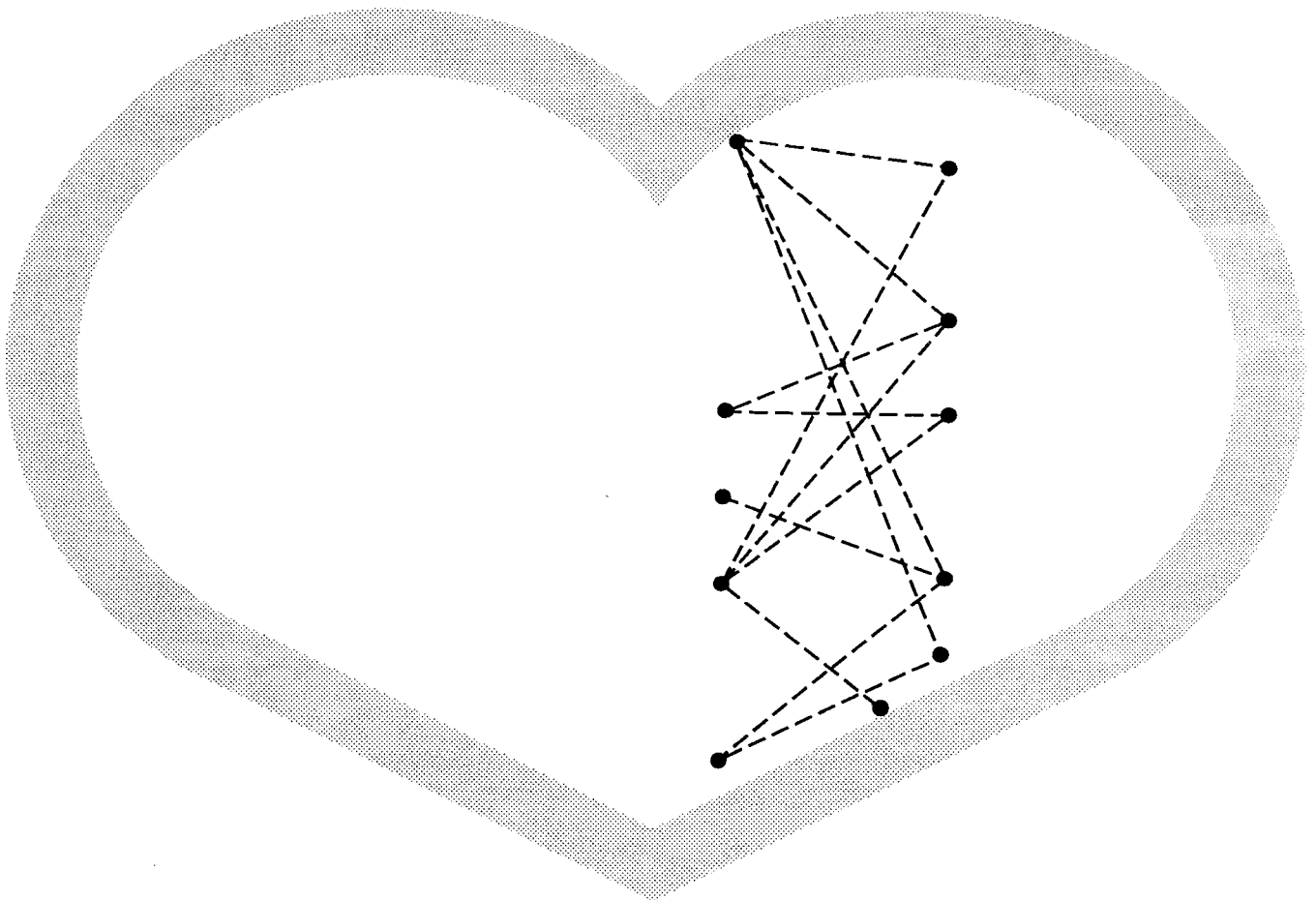
Une collecte de sang, organisée par le Centre de Transfusion sanguine d'Annemasse
aura lieu au CERN aux dates mentionnées ci-après

Toutes les personnes intéressées sont les bienvenues et pourront se présenter à leur convenance :

Mercredi 4 novembre de 08.30 à 12.30 h et de 14.00 à 16.30 h

Rez-de-chaussée du bâtiment 504 – Restaurant no 2

Si vous possédez déjà une carte indiquant votre groupe sanguin – ou une carte de donneur de sang – veuillez, s'il vous plaît, l'apporter avec vous. Merci d'avance à toutes et à tous.



AUX UTILISATEURS DE L'ATELIER DE POINÇONNAGE -GRAVAGE

Veuillez prendre note qu'à partir du 5 octobre 1992, ce service sera transféré sur le site de Prévessin, au bâtiment 904.

Pour les utilisateurs qui voudraient éviter ce déplacement, une permanence sera maintenue au pavillon 6661 (derrière l'Atelier Principal – bât. 100), dans le service de sous-traitance.

Une procédure efficace pour le transfert des travaux demandés depuis le site de Meyrin à celui de Prévessin est à l'étude.

Division MT
Groupe MF

TO USERS OF THE PUNCHING-ENGRAVING WORKSHOP

Please note that this service will be transferred to the Prévessin grounds, building 904, from 5 October 1992.

Users wishing to avoid the journey may apply to the Sub-contracting Service in hut 6661 (behind the Main Workshop, building 100).

A serviceable procedure for transferring work requests from the Meyrin to the Prévessin grounds is being drawn up.

MT Division
MP Group

PROCHAIN CONCERT

33^{ème} saison

Lundi 19 octobre
à 20h00, à l' Amphithéâtre

Mainzer Kammerorchester

Direction : Antonio NUNEZ
Solistes : Renate KEHR, flûte
Michinori BUNYA, contrebasse
Georges KISS, clavecin
Antonio NUNEZ, violon

Au programme :

- J. Ph. Rameau : Concerto 'La Pantomime'
en si bémol majeur
G. Ph. Telemann : Suite en la mineur pour
flûte et cordes
J. M. Sperger : Quatuor en ré majeur pour
contrebasse, flûte, alto et
violoncelle
D. Scarlatti : Concerto No. X en ré majeur
J. S. Bach : Concerto Brandebourgeois
No. 5 en ré mineur

Billets : 15.- SFr droit des pauvres compris, en
vente uniquement le soir du concert, dès 19.30h.

N. B. Le nombre de places dans l'Amphithéâtre étant
limité, les abonnés susceptibles de ne pas venir à ce
concert sont priés de le faire savoir, afin que d'autres
personnes puissent bénéficier de leurs places, en
téléphonant à G. Adam Div. AS-GS/RE au 4813 ou
recherche 13-4006. Merci.

LAST NEWS

Monday 26 October

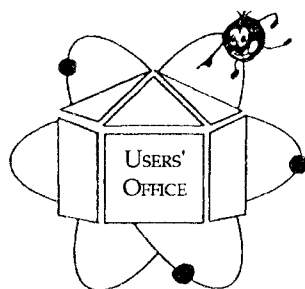
PPE SEMINAR

at 16.30 hrs – Auditorium

**Measurements of Exclusive b Hadron
Lifetimes**

by F. WEBER / University of Wisconsin-
Madison, Aleph Collaboration

USERS' OFFICE SURVEY



Bât. 61/R-020
Tél. 767 67 67

LE USERS' OFFICE MÈNE L'ENQUÊTE

How many people are unaware of the existence of the USERS' OFFICE? Without its help, many of you would undoubtedly still be wandering desperately around CERN's administrative labyrinth.

It is nevertheless not content to rest on its laurels. The USERS' OFFICE has decided to conduct an enquiry among all USERS. We should like to find out how you view our service and in particular obtain your advice, criticism and – why not? – compliments. Questionnaires are available at the entrance to the USERS' OFFICE (building 61, just opposite the cafeteria). Please don't hesitate – there are not many questions and the few minutes taken to answer them could perhaps save you many hours in the future.

So, pick up a questionnaire at the USERS' OFFICE as soon as possible.

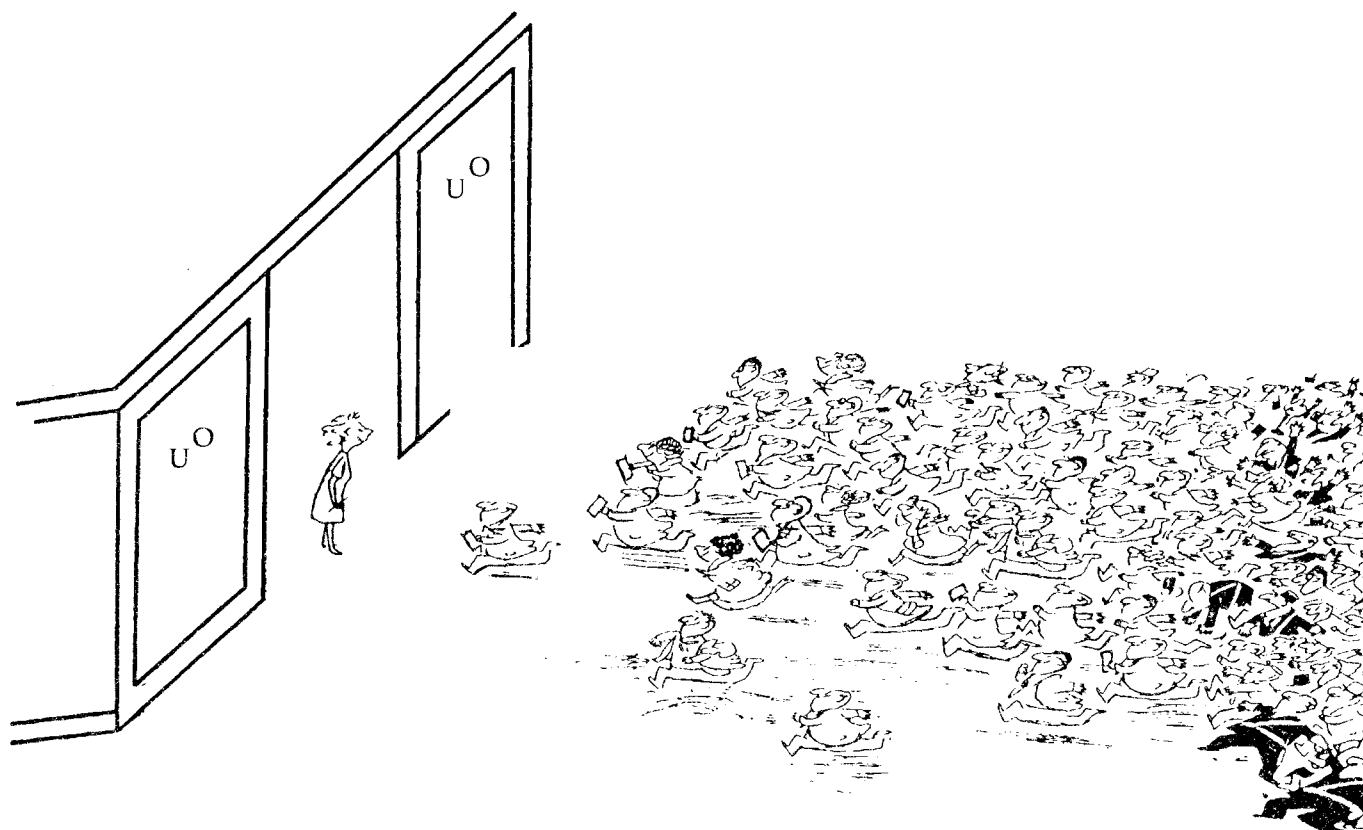
Qui ne connaît pas le USERS' OFFICE? Sans son aide, beaucoup d'entre vous continueraient sans doute aujourd'hui à errer désespérément dans les dédales administratifs du CERN.

Pourtant, loin de se reposer sur ses lauriers, le USERS' OFFICE a décidé de mener une enquête auprès de tous les USERS. Notre objectif est de connaître votre perception du service et surtout de recueillir vos conseils, vos critiques... ou vos compliments! Pour cela, un questionnaire est à votre disposition à l'entrée du USERS' OFFICE. Rassurez-vous, il ne comporte que peu de questions et les misérables minutes passées à le remplir vous permettront peut-être de gagner à l'avenir des heures précieuses.

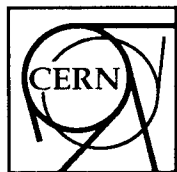
Alors, rendez-vous au USERS' OFFICE dès que possible!

THANK YOU FOR YOUR TROUBLE!

MERCI D'AVANCE!



Bulletin ASSOCIATION du PERSONNEL STAFF ASSOCIATION



Siège: Genève, Suisse
Seat: Geneva, Switzerland

Les informations paraissant dans la rubrique "Association du Personnel" sont publiées sous la seule responsabilité de l'Association du Personnel du CERN.

The information presented in the Staff Association section of the Bulletin is published under the sole responsibility of the CERN Staff Association.

STAFF_ASSOCIATION@MACMAIL.CERN.CH

Tel. 2819/4224

Original French 7th October 1992

STAFF COUNCIL MEETING, 4th SEPTEMBER 1992

As mentioned in a previous article, the Staff Council held its **300th meeting on the 4th September**. In addition to the question of the salary adjustment for 1993 which has already been reported, the Staff Council examined several topics on the agenda of the Standing Concertation Committee meeting planned for the **8th September** (see the report under Official News in Weekly Bulletin No. 39/92, dated 21st September).

- **Modification of the administrative circular on unemployment** (circular No. 4): the Administration having presented a proposal to improve the unemployment benefits to be in line with the recent improvements of the Swiss system, the Staff Council approved the proposal so that it could come into effect without further delay; nevertheless, it intends to propose additional improvements in the framework of the general revision of the Rules and Regulations which is starting, namely: the extension of the right of allowance to all members of the personnel paid by CERN (presently, the Regulations reserve this right to staff members only), the possibility to cumulate it with the end-of-contract indemnities (at present these indemnities are deducted from the allowance) and the taking into consideration that the allowance is subject to taxation.
- **Modification of the administrative circular on the use of private vehicles** (circular No. 20): the Administration having presented a proposal to modify this administrative circular, the Staff Council approved and completed a whole series of agreements and disagreements, questions and remarks presented by the Executive Committee to be used as a basis for discussions with the Administration.
- **Election of the Staff Association representatives in various committees and commissions:** by virtue of article 23 of the Statutes of the Staff Association¹, the Council elected as its representatives in various committees and commissions:

¹ "article 23) The Council shall appoint, from among its members, the staff representatives for all bodies provided for in the Staff Rules and Regulations, or set up by the Director-General, where such representation is required. By way of exception, the Council may appoint members of the Association who are not members of the Council."

Joint Advisory Appeals Board	Michel HANSROUL/ECP Patrick LIENARD/SL Daniel LACARRERE/MT	member 1st deputy 2nd deputy
Joint Advisory Discipline Board	Michel BONNET/PPE Derek BALL/AS Rotraud MOHR/AS	member 1st deputy 2nd deputy
Joint Advisory Board for Reclassification and Invalidity	Jan TUYN/TIS Henri PINEY/AS	assessor deputy
Joint Training Board (JTB)	André ARN/AT Derek BALL/AS Philippe DEFERT/CN Poul FRANDSEN/AT	member member deputy deputy
Safety Policy Committee (SAPOCO)	Derek BALL/AS Michel BORGHINI/PPE Pierre PREVOST/SL	member member deputy
Research Board	Gert HARIGEL/PPE Michel BORGHINI/PPE	member deputy
Restaurant Supervisory Committee	Derek BALL/AS René BARTHELEMY/PS Georges CANIAC/SL Marc CORCELLE/PS Rotraud MOHR/AS	member member member member member
"Comité de contrôle et de surveillance du domaine"	Gérard ANTOINET/TIS Claude CAMUT/MT	member deputy
Steering Committee of the Nursery School	Vinod CHOHAN/PS Marc CORCELLE/PS Guy MOMEUX/ECP	member member member

- **300th meeting:** finally, this 300th meeting was the occasion to bring together present delegates, former Presidents of the Staff Association and former members of the Staff Association Secretariat who are still working at CERN.

* * * * *

CLUBS



VELO

Prochaines sorties

SAMEDI 10 OCTOBRE : Dernière sortie de la saison, elle se fera en compagnie des cyclos de Divonne. Nous ferons notre traditionnel "Tour du Canton" et ses 118 kilomètres. Un arrêt se fera à mi-chemin pour recharger les batteries, prévoyez de l'argent de poche. Rendez-vous à 9h30, parking des drapeaux au CERN.

POUR INFO, notre saison n'est pas vraiment finie puisque vous avez 3 dates à retenir :

DIMANCHE 18 OCTOBRE : Notre traditionnelle marche avec le Col du Sac. Rendez-vous à 9h.30, Place de l'église, à Farges. Prévoyez votre pique-nique et vous "choses" à griller, le casse-croûte sera fait à l'abri d'un chalet. La famille, les amis, les enfants sont les bienvenus, cette ballade est à la portée de tous. Nous commandons, dès maintenant une météo ensoleillée pour la circonstance !

DATES A RETENIR !

SAMEDI 24 OCTOBRE : Notre soirée annuelle.

JEUDI 5 NOVEMBRE : L'Assemblée Générale.
Alors à vos calendriers.

GYMNASTIQUE

Si vous avez acheté une carte de "gym" et que vous constatez maintenant que vous ne pouvez vous libérer pour les heures où sont programmées les séances, alors téléphonez moi le soir, je vous rachèterai votre carte.

Plusieurs personnes attendent pour pouvoir participer à la "gym".

Freddy STREUN (023) 50.40.51.93.



SKI

Stage moniteur ski alpin

Dans le cadre de l'Ecole de Ski du SCC, nous cherchons de bon(ne)s skieur(se)s :

Age : **18 ans minimum**, intéressé(e) à donner des cours de ski alpin pendant 3 ans aux membres du Club.

Etre prêt(e) à suivre un stage de Moniteur bénévole au cours des mois de décembre 1992 et mars 1993 (4 weekends samedi, dimanche, lundi).

Pour obtenir des informations plus précises, veuillez remplir et retourner le bulletin ci-contre à :

Lloyd WILLIAMS /AT ou
Jean-Marie LE GOFF /ECP.

le 27 octobre 1992, au plus tard

NOM, Prénom :

Division : Tél. :

Adresse :

BOWLING

Nous remercions tous les participants de la leagü pour leur ponctualité, et nous souhaitons que vous soyez présents 10 minutes avant le début des rencontres, car plusieurs tournois se déroulent après la leagü CERN. Bienvenue et bonnes boules aux nouveaux membres. Pour la première rencontre, voici le résultat.

Clt.	Nom	Cat. Tot. / Scr.	Hand	M. Partie
1.	CAPRARO A.	540	0	200
2.	BRENDLE J.	525	0	196
3.	SIMOSON M.	521	0	185
4.	FABRE M.	504	0	181
5.	JORCE F.	496	0	183
6.	ZUMBROCK K.	491	0	176

etc..... Classement sur 22 joueurs.

SKI

SORTIES PEDESTRES

Au programme

Dimanche 11 octobre : La Pointe Percée, balade à deux niveaux, proposée par Gilles Berard. Montée au refuge Gramusset (niveau *); les randonneurs moins expérimentés pourront alors attendre les personnes qui iront au sommet (niveau ***). **Rendez-vous** au parking de la Mairie de Meyrin à 7h.00 puis, **rassemblement** à 8h.00 au Grand Bornand, Place de l'Eglise.

Dimanche 18 octobre : Le lac Blanc, région Chamonix (**), proposé par Freddy Streun. La très classique et toujours très belle promenade dans la réserve des Aiguilles Rouges. Vue magnifique sur les Drus, Argentière, le Mont Blanc, etc.. Durée totale de marche 5 à 6 heures. Départ 7h.30, Parking de la Mairie.

Dimanche 25 octobre : une sortie, qui reste à définir, aura sans doute lieu.

Notre programme de sorties se poursuivra tant que la météo nous le permettra.

Comme nous vous l'avions indiqué en août, au début de nos sorties, lorsque le dimanche matin le temps est franchement mauvais, la sortie n'a pas lieu. Si le temps est incertain la décision se prendra au point de rendez-vous. Dans ce cas là, n'hésitez pas à venir car chaque fois que nous avons décidé de partir malgré un temps pas très sûr, nous ne l'avons pas regretté, les absents ont eu tort.

Responsables du programme :

- Rosemarie Seidel Tél. 717 93 37 (prof) et 50 42 12 71 (privé);
- Roland Dubois Tél. 767 48 27 (prof) et 50 42 02 50 (privé).

Cotation : (*) facile
 (**) moyen
 (***) assez difficile

ELECTROSOLAIRE

ASSEMBLEE GENERALE ORDINAIRE
MERCREDI 4 NOVEMBRE 1992, à 20h.00
Amphithéâtre du Bâtiment 33
(réception)

ORDRE DU JOUR:

- Rapport du président.
- Rapports des groupes de travail.
 - Voiture photon
 - Documentation
 - Production d'énergie
 - 1/3 Monde
- Rapport financier.
 - Vérification des comptes
 - Approbation
- Nomination du comité.
 - Fixation des cotisations
- Révision des statuts.
- Projets pour 1992/93.
- Divers

La séance sera suivie par un exposé de J.B. Gay, Professeur EPFL, sur les thèmes suivants :

- les activités à l'EPFL
- les perspectives d'avoir de l'énergie solaire

CERN WOMEN'S CLUB

"KEEP FIT"

Tuesday, 13 OCTOBER 1992

Christmas is not so far away with all the good food and sweets. Also the ski season is coming up. Josie Muriel, instructor of the Gymnastic and Yoga group, will demonstrate at our next coffee morning on the 13 October 1992 between 9 a.m. and 11.00 a.m. how to keep fit.

It would be nice to meet our members and particularly the newcomers, having a coffee and a chat. Children are welcome at all times.

See you soon in the Club rooms Restaurant 2, building 505, first floor.

PHOTO

SEANCE DE PROJECTION DE DIAPOSITIVES

MERCREDI 28 OCTOBRE 1992, à 17h.45
Salle des Clubs - Bât. 504

VIVRE OU MOURIR POUR KABOUL

présenté par Harry Hayes

Il s'agit d'une série de diapos sur le peuple Afghan, à l'intérieur du pays et dans les camps de réfugiés, pendant la période de guerre.

Au fil des années, Harry Hayes a suivi de très près les événements internationaux dans les différentes régions du monde. A la suite d'une amitié avec des Afghans en Suisse, il s'intéressa particulièrement à l'Afghanistan et à son peuple.

Les photos prises dans les camps de réfugiés ainsi que des photos des membres de la résistance ont été publiées dans différents magazines et ont fait l'objet de plusieurs expositions.

En 1990 il a été l'un des premiers photo-journalistes occidentaux à être admis à visiter la capitale de l'Afghanistan, Kaboul, qui était encore en guerre.

Un livre "*Vivre ou mourir à Kaboul*" a été publié, retraçant les points forts de cette expérience de vie que Harry Hayes montre dans quelques diapos.

RUGBY

Résultats

Match du 3 octobre : CERN 36 - BERNE 3

Le nouvel entraîneur PIENE, qui nous vient de Thonon, prenait ses fonctions samedi, et était tout à fait satisfait des prestations de ces nouveaux poulains.

Sur le bord de la touche, nous avons eu le plaisir d'assister à un des meilleurs matches depuis le début du championnat.

Prochains matches

Sporting Club Genève - CERN, à 15h.00, à Genève.

CERN II - Ecole Roches, à 15h.00 au Stade du CERN.

Ecole de Rugby, dimanche 11 octobre 1992, déplacement à Bâle, départ à 10h.00 en autocar du CERN, côté Suisse.

Date à ne pas oublier, le 7 Novembre 1992, Grande Soirée Choucroute.

Les billets sont en vente :

- à la COOP, Cafeteria No.1 du CERN,
- Café de la Douane, St. Genis
- Delpierre Boulangerie, à St. Genis

ainsi qu'auprès de tous les joueurs et dirigeants.

Prix du billet CHF 25.- ou FF 100.-

YACHTING

Résultats of the closing regatta held on 3rd October 1992

1	2	3	4	5
470 (Z1121)	Hopkins R. Hopkins G.	6475	6348	1
420 (F2545)	Lauran A. Janod B.	7566	6579	2
Laser (4)	Sanders D. Geiser A.	7002	6606	3
420 White	Benvenuti M.	7692	6689	4
4.45	Bosco N.	8369	6730	5

1. dinghies
2. participants
3. real time (sec.)
4. compensated time (sec)
5. Final Place

Abandoned : Caravelle, Laser

1	2	3	4	5
Blackbird "Pelotina"	Rohmig P. Rohmig H.	6271	5406	1
First 30 "Yassos"	Bocker A. Bocker D. Bocker E.	6307	5631	2
Comet 701 "NN"	Thylrfors C. Andersen P.	7247	5640	3
Rush "Pussy Cat"	Gelissen P. Karner K. Mazzone G.	6125	5671	4
Sangria "Hydra"	Rudolph W. Delish M. Luck B. Bettens E.	7237	5744	5

1. Kelboats
2. participants
3. real time (sec.)
4. compensated time (sec.)
5. Final Place

RUNNING

Plusieurs erreurs se sont glissées dans l'orthographe des noms des participants sur la liste des résultats de la course pédestre qui s'est déroulée le 23 septembre dernier (parcours 5,5 kms). Il faut lire:

Dames (Challenge "Charmes")

1. Helen Korsmo PPE 23'35 (record)
2. Evelyne Frauchiger PS 23'46

(only 2 entrants)

Seniors (Challenge "Proton")

1. Francesco Pietropaolo PPE 18'56
2. Angus Norton ECP 19'25
3. Manuel Guijarro CN 20'02

Vétérans (Challenge "Electron")

(nés en 1952 ou avant)

1. Michel Houlmann MT 18'37
2. Werner Zapf PE 19'00
3. Nikolaj Zamiatin PPE 20'10

Handicap (Challenge "Kaon")

1. Jacques Montes AC 25'26 (à 1'30)
2. Manuel Guijarro CN 20'02 (à 7'00)
3. Fridtjof Berlin PS 20'25 (à 7'00)

Age-Performance (Challenge "Antiproton")

1. Werner Zapf PE 129 points
2. Michel Houlmann MT 126 points
3. Daniel Dekkers PS 108 points

COOPERATIVES

INTERFON (Bât. 563)

Les sociétaires d'INTERFON sont invités à la journée "Portes Ouvertes" du

SAMEDI 24 OCTOBRE 1992, de 10h.00 à 17h.30

Salle polyvalente de Prévessin-Moëns

Autour d'un buffet campagnard, vous rencontrerez 15 fournisseurs qui exposeront :

Promotions : constructions, équipement de la maison, carrelages, sanitaires, cheminées, gros ménage, cuisines, appareils de traitement de l'eau, hi-fi, vidéo, antennes, voitures, motoculteurs, arbres et arbustes.

7 producteurs de vin vous feront déguster leurs produits :

- Champagne Marie-Stuart
- Brouilly Domaine des Nazins
- Pâtés de foie d'oie au jus de truffe et à l'armagnac

D'autres promotions seront annoncées dans le Bulletin suivant.

ASSOCIATION DU PERSONNEL
42/92-12.10.92

COOPIN

(Bât. 563)

Information Coopin par VM:XNEWS (COOPIN)

ATTENTION, cette semaine encore, nous vous proposons :

1 bon "SHELL" d'une valeur de CHF 10.- pour un achat de plus de CHF 250.- (jusqu'à épuisement).

Divers

Grande action sur la marque UNITHERM, "Station Météorologique" avec baromètre Ø 10cm, thermomètre, hydromètre, hauteur 40cm, exécution solide en bois massif, teinté noyer rustique (10 ans de garantie). Thermomètre pour indication de la température maximale et minimale.

Parfumerie : nouveau chez Lierac la ligne apaisante, soin nutri-protecteur, gel doux nettoyant et spray désensibilisant.

Ligne DIOPTI pour les yeux, lotion démaquillante et gel démaquillant. DIOPTICIL, soin crème traitant nutritif cils. DIOPTICREME, soin crème traitant anti-cerne teinté, etc..

TIMBO, cure de 7 jours, véritable bain d'algues de Bretagne, concentré d'algues traitant.

C'est le moment de faire une cure de levure, MEVIL riche en vitamines, protéines, ferments, oligo-éléments et B-carotène. MEVIL soin cutané vitaminé, crème de jour et de nuit pour tous les types de peau. A base de vitamines A et E, de biotine et pantothémate de calcium.

Self-service

Nouveau : FIZZY Chewits, bonbons à mâcher au citron acidulé ou à l'orange acidulée (dégustation gratuite).

DE NOUVEAU en stock, les lecteurs CD portables de TECHNICS SL-XP.

Gagnez du temps, pensez COOPIN.

EVENING LECTURE SERIES
CYCLE DES CONFERENCES DU SOIR



Professor Oliver SACKS

AWAKENINGS REVISITED

TUESDAY, 13 OCTOBER 1992 at 8.30 p.m.

CERN Auditorium - Main Building

MARDI 13 OCTOBRE 1992, à 20.30

Amphithéâtre du Bâtiment Principal

The lecture will be given in English with simultaneous translation in French

La conférence sera donnée en anglais, avec interprétation simultanée en français.

For details/pour information, see/voir : WB/BUH 40/41

Restaurants Plats conventionnés (déjeuner / lunch)

Semaine du 12 octobre

Restaurant Concessionnaire	no 1 COOP	no 2 DSR	no 3 Générale de Restauration
Bât. / bldg Site	501 Meyrin	504 Meyrin	866 Prévessin
Prix	a) 6.30 FS b) 7.40 FS	a) 7.10 FS b) 8.10 FS	a) 19.60 FF b) 22.70 FF
Lundi Monday	a) Croustilles de merlan Pommes frites Choux-fleurs b) Émincé d'agneau au curry Riz sauvage Petits pois	a) Poule au riz sauce suprême Salade verte b) Gigot d'agneau rôti Pommes boulangères Haricots verts	a) Omelette roulée aux champignons Épinards aux croûtons b) Steak de bœuf poêlé aux échalotes Pommes frites Carottes à la crème <i>ENTRECÔTE GRILLÉE 29.00 FF</i>
Mardi Tuesday	a) Oeufs durs à la bourguignonne Riz blanc Courgettes étuvées b) Pojarski de veau Pommes mousseline Jardinière de légumes	a) Émincé de porc à la zurichoise Rösti dorés Salade verte b) Roulade de veau aux olives Gnocchi Courgettes à la niçoise	a) Boulettes de bœuf sauce forestière Choux blancs aux lardons b) Steak de merlu sauce aux crevettes Riz aux petits pois Tomates provençales <i>BRANDADE DE MORUE 19.60 FF</i>
Mercredi Wednesday	a) Calamars sauce piquante Spaghetti Salade verte b) Ragoût de bœuf Pommes boulangères Pois mangetout	a) Cannelloni gratinés aux tomates et basilic Salade verte b) Bœuf bouilli sauce au raifort Pommes au beurre Légumes assortis	a) Poitrine de veau farcie sauce aux pruneaux Courgettes gratinées b) Côte de porc à la savoyarde Nouilles au beurre Choux-fleurs à la vapeur <i>SPAGHETTI CARBONARA 25.00 FF</i>
Jeudi Thursday	a) Sauté d'agneau Flageolets Tomate grillée b) Côte de porc panée Spätzlis Ratatouille	a) Rognons de bœuf à la bière Spätzlis dorés Salade verte b) Rôti de porc vigneron Gratin dauphinois Pois mangetout	a) Steak haché de bœuf Ratatouille de légumes b) Escalope de dinde cordon bleu Haricots blancs à la tomate Petits pois à la française <i>QUENELLES DE BROCHET 19.60 FF</i>
Vendredi Friday	a) Émincé de dinde Petits légumes Riz blanc b) Filet de mostelle Pommes nature Épinards en branches	a) Filet du grenadier sauce aux crevettes Pommes persillées Salade verte b) Cassoulet de canard à la toulousaine Carottes glacées	a) Brochette de poisson panée sauce à la ciboulette Pommes de terre gratinées b) Poulet grillé sauce au poivre vert Macédoine de légumes Haricots verts sautés à l'ail <i>SAUCISSE FUMÉE AU VIN BLANC 25.00 FF</i>

Heures
d'ouverture :

Restaurant no. 1
Lundi au vendredi :
de 07h00 à 01h00
Samedi et dimanche :
1. Cafétéria
de 07h00 à 23h00
2. Restaurant
de 11h30 à 14h00 et de
18h00 à 19h30

Restaurant no. 2
Lundi au vendredi :
de 06h30 à 18h00
Samedi :
de 11h00 à 14h00

Restaurant no. 3
Lundi au vendredi :
de 07h00 à 09h00
de 11h30 à 14h00

Calendrier hebdomadaire

1992

Weekly Calendar

Lundi Monday	12.10	Mardi Tuesday	13.10	Mercredi Wednesday	14.10	Jeudi Thursday	15.10	Vendredi Friday	16.10
10.00 PS TECHNICAL PRESENTATION Struck, Electronics for High Energy and Industry (D)	10.00 CN PRESENTATION LynxOS Developments by Bill GALLMEISTER / Lynx Real-Time Systems Inc.	11.00 A LECTURE FOR POSTGRADUATE STUDENTS Gauge theories for pedestrians by A. MASIERO / CERN-TH <i>Lecture 4</i>	11.00 A LECTURE FOR POSTGRADUATE STUDENTS Gauge theories for pedestrians by A. MASIERO / CERN-TH <i>Lecture 5</i>	11.00 PS PS SEMINAR Highlights from the 1992 Linear Accelerator Conference, Ottawa, August 1992 by M. VRETENAR / CERN-PS	13.00 A ENSEIGNEMENT GENERAL Sciences pour tous par Rafael CARRERAS	14.00 CN PRESENTATION Real Time VME Products from Silicon Graphics	14.00 TH MEETING ON PARTICLE PHYSICS PHENOMENOLOGY Lepto- and photoproduction of heavy quarks by Gerhard SCHULER / CERN	10.00 CN PRESENTATION OS-9/OS-9000 : Latest and future Software products by Peter DIBBLE / Research Scientist, Microwave Systems Corporation (USA)	
16.30 A PPE SEMINAR Experimental evidences for the box anomaly in η/η' decays and the electric charge of quarks by M.BENAYOUN / Collège de France	20.30 A CYCLE DES CONFERENCES DU SOIR Awakenings revisited by / par Olivier SACKS <i>Conférence en anglais, avec interprétation simultanée en français</i>								
19.10	20.10	21.10	22.10	23.10					
11.00 A LECTURE FOR POSTGRADUATE STUDENTS Electro-weak interactions in the Standard Model by Riccardo BARBIERI / CERN-TH <i>Lecture 1</i>	10.00 CN PRESENTATION Oracle Libraries by Georgina VERITY / Oracle Corporation	11.00 A LECTURE FOR POSTGRADUATE STUDENTS Electro-weak interactions in the Standard Model by Riccardo BARBIERI / CERN-TH <i>Lecture 2</i>	13.00 A ENSEIGNEMENT GENERAL Sciences pour tous par Rafael CARRERAS	16.30 A CERN PARTICLE PHYSICS SEMINAR High temperature superconductivity : promises and challenges by Paul C. W. CHU / University of Houston	11.00 A LECTURE FOR POSTGRADUATE STUDENTS Electro-weak interactions in the Standard Model by Riccardo BARBIERI / CERN-TH <i>Lecture 3</i>				
20.00 A CONCERT Mainzer Kammerorchester									

A

Auditorium / bldg 500
Amphithéâtre / bât. 500

TH

Theory Conference Room / bldg 4
Salle Théorie / bât. 4

AT

AT Auditorium / bldg 30, 7th floor
Amphithéâtre AT / bât. 30, 7e étage

PS

PS Auditorium / bldg 6, 2-024
Amphithéâtre PS / bât. 6, 2-024

DC

6th Floor Conference Room, bldg 60
Salle de conférence du 6e étage, bât. 60

CN

CN Auditorium - bldg 31/3-005
Amphithéâtre CN - bât. 31/3-005

➤

place as indicated
lieu selon indication

E

ECP Conference Room, bldg 13/2-005
Salle de conférence ECP, bât. 13/2-005

C

Council Chamber / bldg 503
Salle du Conseil / bât. 503

PS

PS Auditorium - Prévesnin / bldg 864, 1st fl.
Amphithéâtre SL - Prévesnin / bât. 864, 1er ét.

S

SL Auditorium - Prévesnin / bldg 864, 1st fl.
Amphithéâtre SL - Prévesnin / bât. 864, 1er ét.

Deadline for insertion : Tuesday 12.00 hrs
Staff Association : bldg 64 / R-002, tél. 2819
Communications Section (DC) : bldg 50/1-030, tél. 3475
e-mail : [weekly_bulletin@macmail](mailto:weekly_bulletin@macmail.slaf.association@macmail)
Dernier délai pour insertions : mardi 12.00 h
Association du Personnel : bât. 64 / R-002, tél. 2819
Section Communications (DC) : bât. 50/1-030, tél. 3475