

covered, the talk will be more in the nature of a review than an in-depth presentation of a given topic. Some theoretical discussions will be included, but hardware will be emphasized. We will conclude with a short look into the future, and a discussion of the fundamental problems that have to be solved in order to make certain exploratory systems practical.

** Please note the unusual day and time!*

Monday 17 April

EF SEMINAR

at 11.00 hrs – EF Conference Room
bldg 13, 2-005

The ALEPH TPC

by John CONWAY / University of Wisconsin

The central tracking device for the ALEPH experiment is a large second-generation Time Projection Chamber (TPC). The design parameters of the TPC will be reviewed, followed by a discussion of how they were achieved in the actual chamber. Results from tests and measurements with the chamber will be presented, and a summary of present and future work will be given.

Monday 17 April*

PS SEMINAR

at 11.00 hrs – PS Auditorium
bldg 26, 2-024

FEL and RFQ accelerator activities in Los Alamos

by J. STOVALL / LANL, Los Alamos, USA

With recent advances in photocathode technology, very high current, bright electron beams are now achievable for Free Electron Laser research. A photocathode gun has been integrated with a coupled cavity Linac to replace the D.C. thermionic electron gun on the Los Alamos FEL facility. RFQ injectors,

designed to replace Cockcroft Waltons, represent a maturing technology. Los Alamos is developing RFQs for applications in industry, medicine, research and defence. Some of the design and performance features of these two types of accelerator will be reviewed.

** Please note unusual day!*

Wednesday 19 April

PS SEMINAR

at 11.00 hrs - PS Auditorium
bât. 26, 2-024

Status of the electron beam ion source

by R. BECKER / University of Frankfurt

Wednesday 19 April

CAS ACCELERATOR SEMINAR

at 14.00 hrs – Auditorium

Plasma suppression of beamstrahlung and the plasma adiabatic focuser

by A. SESSLER / Lawrence Berkeley Laboratory

Wednesday 19 April

COMPUTER SEMINAR

at 16.00 hrs – Auditorium

The evolution of evolvability

by Richard DAWKINS / New College, Oxford University

Thursday 20 April

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

Probing the interior of a star

by R.M. BONNET / European Space Agency

INFORMATIONS GENERALES GENERAL INFORMATION

CHANGEMENT DU NUMERO DE TELEPHONE DU CERN

Avec effet à partir du **22 AVRIL 1989**, le numéro de téléphone actuel du CERN,

le **83 61 11** sera remplacé par le **767 61 11**

Par conséquent, les personnes appelant un correspondant au CERN devront composer le 767 avant le numero interne actuel. Nous vous prions

CHANGE OF CERN TELEPHONE NUMBER

With effect from **22 APRIL 1989**, CERN's general telephone number will change from

83 61 11 to **767 61 11**

Therefore if you wish to phone someone at CERN you will have to dial 767 followed by the present internal number. Please inform the people

d'informer les personnes qui vous appellent régulièrement de ce changement de numéro.

Nos lignes de sélection directe seront interrompues entre le 21 avril à 23.00 h et le 22 avril à 12.00 h au plus tard.

Section Téléphones et Téléc
Division DD

LIGNES DE TELEPHONES DIRECTES

A partir du 22 AVRIL 1989, tous les numéros de téléphones des lignes directes (lignes ne nécessitant pas de faire le 0 ou le 9 pour sortir du CERN) qui sont installées au CERN seront précédés du chiffre 7. Exemples : le 82 18 19 (cabine téléphonique, bât. 38) deviendra le 782 18 19 et le 83 05 52 (Fax au SPS) deviendra 783 05 52.

Section Telephones et Telex
Division DD

REMINDER

TO ALL MEMBERS OF THE PERSONNEL Temporary employment

During the period mid-June to mid-September, there will be a limited number of vacancies for temporary employment at CERN (normally unskilled work of a routine nature) which will be made available to children of members of the personnel (that is, anyone with a contract with CERN). It should be noted that candidates must be aged between 18 and 24 inclusive and that **in view of the limited number of posts available, no children previously appointed by CERN under this scheme can be considered.** The duration of all appointments will be 4 weeks, the payment being SF 1100.- for this period. Each parent who is interested is asked to arrange for Personnel Division to receive an application from the child in question. Application forms may be obtained from the Fellows and Associates Service (exclusively by using the slip below). Please do not telephone. Completed application forms must be returned to this Service by 8 May at the latest. The results of the selection are expected to be available by end of May.

Fellows and Associates Service
Personnel Division



Please send me an application form 'Temporary posts for children of members of the personnel'.

Name Division

who telephone you regularly of this change of number.

All direct telephone lines will be interrupted between 23.00 hrs on 21 April until 12.00 hrs at the latest on 22 April.

Telephone and Telex Section
DD Division

DIRECT TELEPHONE LINES

As from 22 APRIL 1989, the telephone numbers of all direct lines at CERN (lines not requiring 0 or 9 to make a call outside CERN) will be preceded by the number 7. For example, 82 18 19 (telephone booth, bldg 38) will change to 782 18 19 and 83 05 52 (Fax in SPS) will change to 783 05 52.

Telephone and Telex Section
DD Division

PROCHAIN CONCERT

Vendredi 14 avril à 20.00 h
Grand Amphithéâtre du CERN

NOUVEL ORCHESTRE DE MONTREUX

Direction : Andras FARKAS
Soliste : René Macherel, hautbois

Programme :

G. Rossini	Sonate pour cordes n.2 en la majeur
W.A. Mozart	Concerto pour hautbois et orchestre en do majeur, KV 134
F. Farkas	Danses populaires finlandaises
W.A. Mozart	Symphonie n.29 en la majeur, KV201

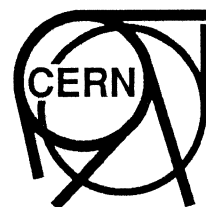
Concerts abonnements

Billets : 14.- FS en vente uniquement le soir du concert, dès 19.00 h, en fonction des places disponibles

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 leur place, en téléphonant à G. Adam / SPS / 4813, recherche 13-4006. Merci.

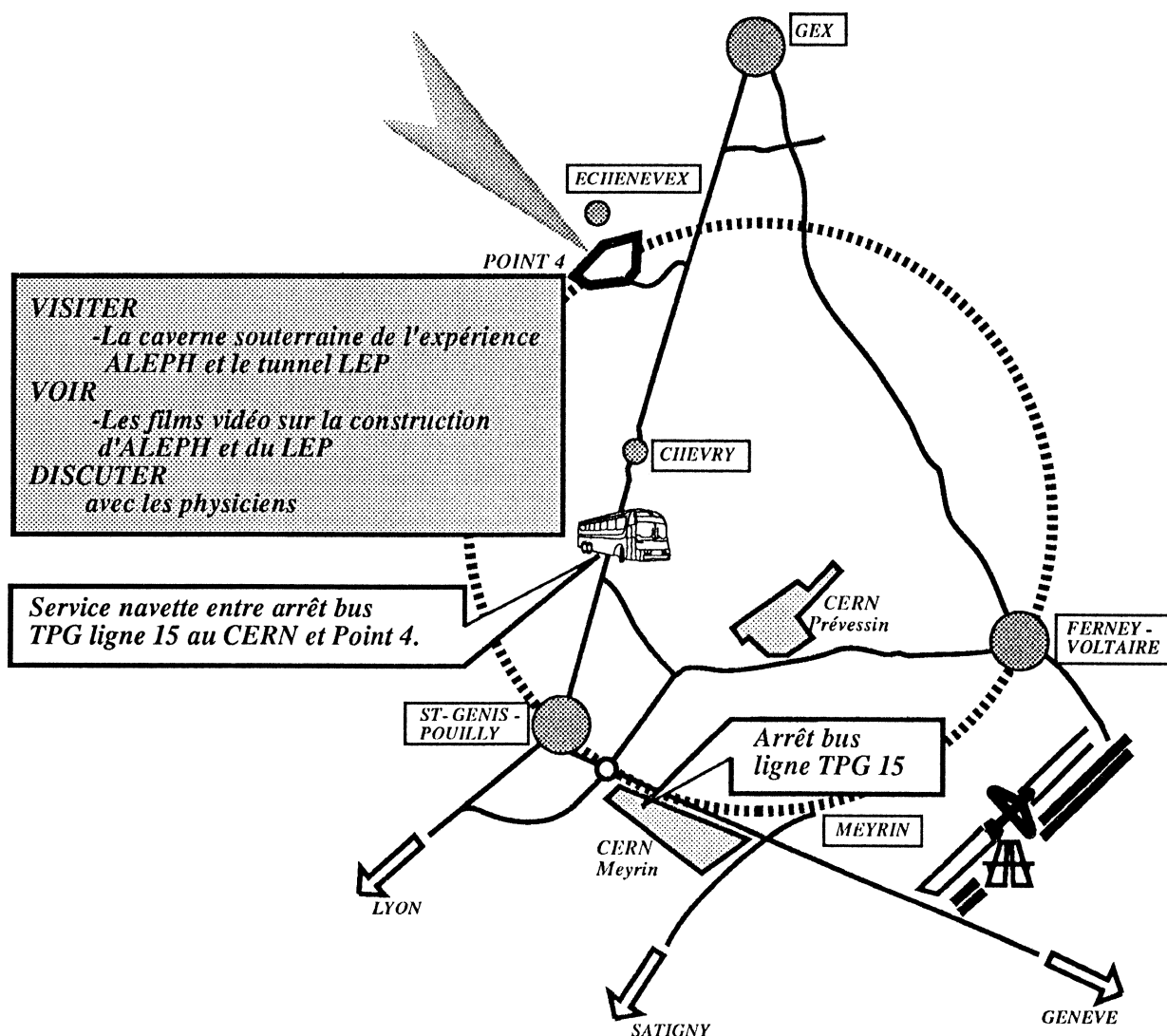


PORTES OUVERTES DE L'EXPERIENCE ALEPH AU LEP



à Echenevex - le samedi 15 avril 1989

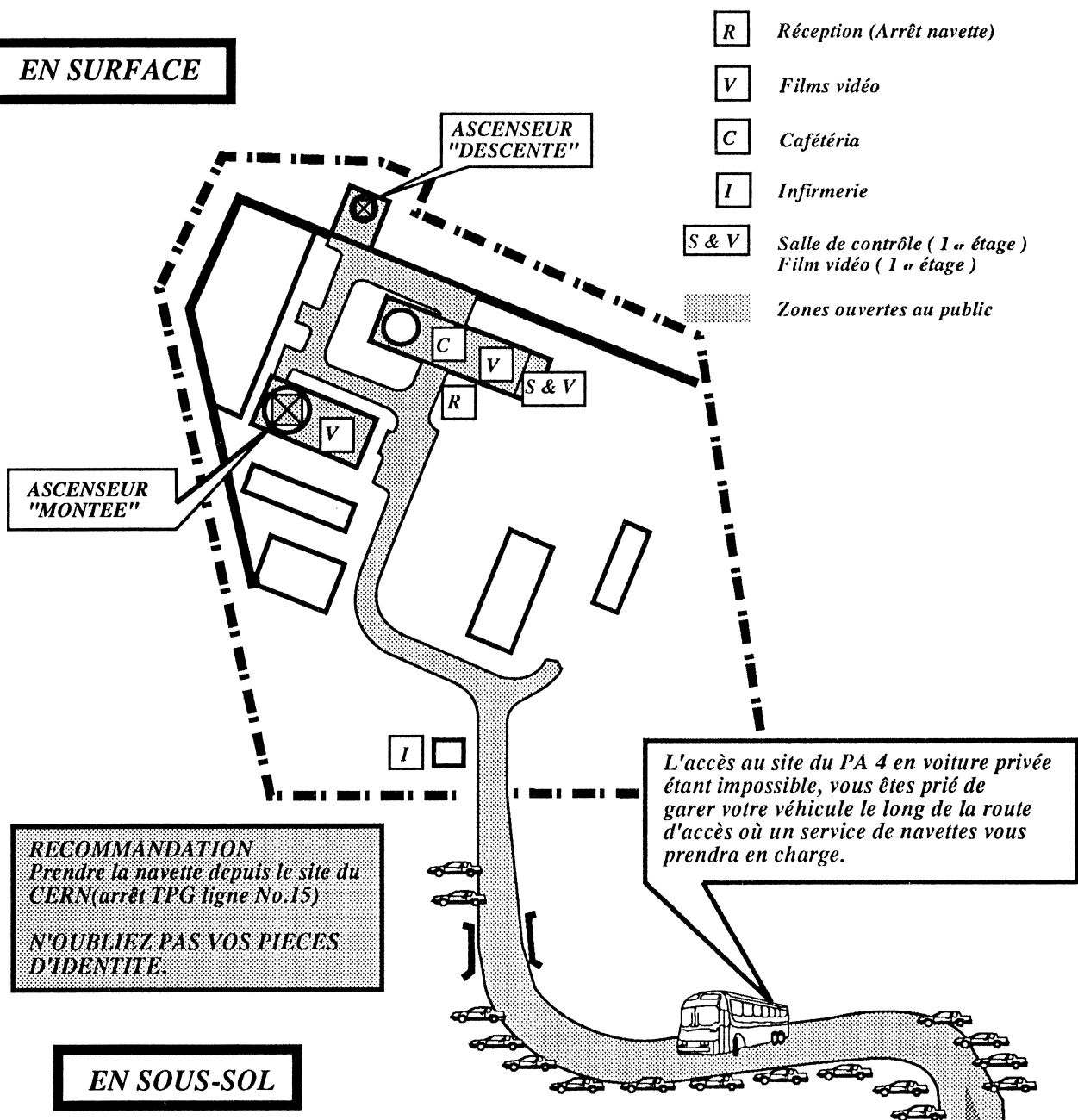
de 10.00 à 19.00



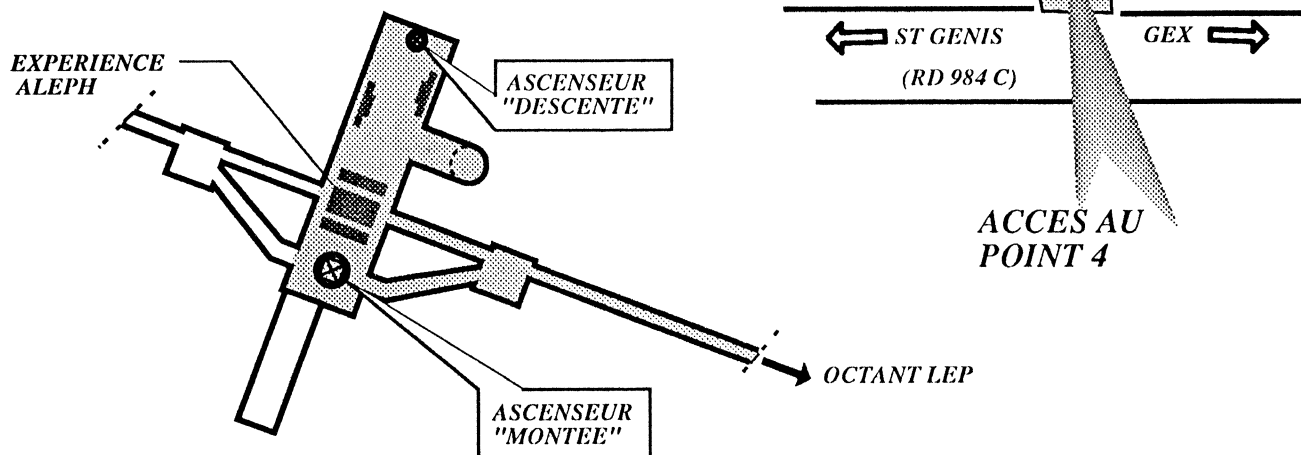
VISITE SANS RESERVATION

PLAN DU SITE DE L'EXPERIENCE ALEPH

EN SURFACE



EN SOUS-SOL



VISITE SANS RESERVATION

IMPRIMERIE

Après vingt ans de travail parmi nous, Monsieur J.-P. Anchisi, chef de section responsable de l'imprimerie a quitté le CERN le 31 mars pour une retraite que je lui souhaite longue et agréable. Il sera remplacé par M. Jean-Pierre Schnewlin.

Comme par le passé, merci de vous adresser à la réceptionniste de l'imprimerie, tél. 3279, pour toute demande de travaux ou de renseignements.

D. Ball
Chef du groupe AG-CI

COURS FULL WRITE SUR MACINTOSH

*Du mercredi 17 au mardi 23 mai**

5 demi-journées

Impératif : connaissances de base du Macintosh

Places limitées.

Pour inscription, s'adresser à :

Mme W. HUG/EP/8-7159, de 08.00 à 12.00 h.

Date limite d'inscription : mercredi 26 avril.

** Attention, changement des dates !*

PRINT-SHOP

Please note that J.-P. Anchisi, section leader responsible for the print-shop for the last twenty years, has retired and is replaced by J.-P. Schnewlin. I would like to thank J.-P. Anchisi for all he has done and to wish him all the best for the future.

As in the past please address all normal enquiries concerning work for the print-shop to the print-shop receptionist, tel. 3279. Thank you.

D. Ball
Group Leader AG-CI

ULTRARELATIVISTIC NUCLEUS-NUCLEUS COLLISIONS CONFERENCE

The VIIIth international conference on ultrarelativistic nucleus-nucleus collisions (QM'90) will be held in Menton (French riviera) from 7 to 11 May 1990.

Information from :

A. Romana
L.P.N.H.E. Ecole Polytechnique
Route de Saclay
F - 91128 Palaiseau Cedex
E-mail : QM90@FRCPN11