

VOLS

Vos affaires personnelles, ainsi que les équipements, matériels et autres biens appartenant au CERN, sont une tentation pour les voleurs. La meilleure protection pour vous – mais aussi pour le CERN – consiste à prendre certaines précautions élémentaires et à rester toujours vigilant. Les directives suivantes ont prouvé leur utilité :

1. Chaque fois que votre bureau ou votre lieu de travail est laissé sans surveillance, vous devez mettre sous clef les objets de valeur tels que portefeuilles, porte-monnaie, sacs à main, calculatrices, outils portatifs coûteux et autres objets 'attractifs' pouvant être facilement dissimulés dans une poche.
2. Les locaux contenant du matériel portatif pouvant intéresser les voleurs – boîtes à outils, outillage électrique, machines à écrire, etc. – doivent être fermés à clef lorsqu'ils ne sont pas utilisés. Si ce n'est pas possible, les objets risquant de tenter un voleur seront mis sous clef ou placés en sécurité par tout autre moyen.
3. On s'abstiendra de laisser traîner les clefs des tiroirs, des armoires ou des locaux. La meilleure solution est de les porter sur soi. N'essayez pas de 'dissimuler' vos clefs : les voleurs sont de plus grands spécialistes que vous.
4. La nuit et pendant les week-ends, les bureaux, les laboratoires et les ateliers doivent être fermés à clef.

Le CERN n'est pas assuré contre la perte ou le vol des biens personnels sur son domaine. Votre prudence est la meilleure assurance pour vous-même et vos collègues.

Groupe Réception (2152)

SEMINARS SEMINAIRES

Monday 17 October

EF SEMINAR

at 11.00 hrs – EF Conf. room (bldg. 13, 2-005)

FASTBUS for physics

by H. FOETH / CERN-EF

A new data acquisition system has been developed for use in high energy physics experiments. This seminar is meant as an introduction for non-experts and summarises the history, the status and the future of this new system.

Tuesday 18 October

SPS EXPERIMENTS COMMITTEE

Agenda for the Ninety-sixth Meeting

Open Session

at 09.00 hrs – Auditorium

1. *Status report and future plans of UA2 (L. di Lella)*
2. *Use of the Ω' facility for p-, α - and O^{16} -Uranium collisions (CERN-Lund-Pennsylvania-Riverside-Warsaw collaboration; M.A. Faessler; SPSC 83-54/P 190).*

THEFTS

Your personal effects, and CERN equipment, materials and other property, are a temptation to thieves. Your best protection – and CERN's – is to take elementary precautions and to be watchful at all times. The following guidelines have proved useful:

1. Whenever your office or place of work is unattended, lock away valuable articles such as wallets, purses, handbags, calculators, expensive portable tools and other attractive items that can be pocketed easily.
2. Rooms in which there are portable objects of interest to thieves, such as tool boxes, power tools, typewriters and the like should be kept locked when they are not in use. If this is not possible, the items that might tempt a thief should be locked up or secured in some other way.
3. Keys to drawers, cupboards or rooms should not be left lying about. The best place for keys is with the owner; do not try to 'hide' them – thieves are more specialized than you.
4. Offices, laboratories and workshops should be kept locked during nights and weekends.

CERN is not insured against loss or theft of personal property on the sites. Your prudence is the best insurance for yourself and your colleagues.

Reception Group (2152)

3. *Measurement of the production of direct photons at the SPS collider [Louvain-McGill University-University of Montreal-Northwestern University-Pisa (INFN and University) collaboration; T. Del Prete; SPSC 83-59/P 191].*
4. *An experimental study of single-vertex e^-e^+ -pair creation in a crystal [Albany (SUNY)-Annecy (LAPP)-Frascati (INFN)-Lyon (IPNL) collaboration; M.J. Gaillard; SPSC 83-64/P 192].*

Closed Session

at 14.00 hrs – Conf. room 6th fl., Admin. Bldg.

(to be continued on Wednesday 19 October at 09.00 hrs).

Wednesday 19 October

THEORETICAL SEMINAR

at 14.00 hrs – TH Conf. room

Gravitationally coupled electromagnetic systems and quantum interference

by Jeeva ANANDAN / MPI, Munich

Relativistic gravitational effects involving electromagnetic fields and their sources are discussed. It is shown that they can provide a new testable general relativistic effect.

Wednesday 19 October

PRESENTATION

at 14.00 hrs – DD Amphitheatre
(bldg. 31, 3rd fl.)

Ethernet : international standards and Interlan products

by Dave POTTER/Interlan, Massachusetts

Interlan is one of the main producers of hardware and software for the Ethernet local area network. Dave Potter, the president of Interlan, is also actually concerned with the specification and establishment of international standards for Ethernet. He will review the range of Interlan products, which are marketed in Switzerland by Adcomp S.A., and the current status of international standardisation effort.

Wednesday 19 October

DD SEMINAR

at 16.00 hrs – DD Amphitheatre
(bldg. 31, 3rd fl.)

One aspect of future networking at CERN : FRIGATE

by C. PINEY

One of the benefits of Local Area Networks, such as Ethernet, is that computer manufacturers are increasingly providing standard software to take advantage of this emerging technology. One of the disadvantages of such networks, however, is their localism. A 'Flexible, Reconfigurable Internet Gateway' (FRIGATE) development programme is under way to provide several necessary services to users of Local Area Networks on the site. The initial implementation will be a modular hardware and software system (the 'Frigate Box') to interconnect Cernet and Ethernet, and will offer the following facilities :

- transparent interconnection of physically separate Ethernets,
- simplified access to existing Cernet facilities,
- support for Cernet users on Ethernet.

Because of its modular structure, the Frigate Box can serve as the basis for several future communication services, including the interconnection of other Local Area Networks, and the provision of an X.25 'envelope' to the Cernet communication subnet.

Jeudi 20 octobre

PRESENTATION TECHNIQUE

de 09.30 à 16.30 h – Amphithéâtre du LEP
(bât. 30, 7^e ét.)

TELEPHONIE SA (CH) présente du matériel professionnel 'CCTV SYSTEM' :

- surveillance vidéo
- applications spéciales
- transmissions vidéo (analogiques-numériques)
- enregistrement vidéo - haute résolution
- téléprojection

Langue : français

Renseignements : M. Diraison / FI / 4585

Thursday 20 October

ISOLDE SEMINAR

at 10.30 hrs – SC Conf. room (bldg. 26, 1-025)

Reactor antineutrino spectrum and searches for neutrino oscillations

by P. VOGEL / Caltech and CERN

The knowledge of the reactor antineutrino spectrum is reviewed. The attempts to observe neutrino oscillations at reactors are briefly described and their dependence (or independence) on the spectrum problem is discussed. The unsolved questions, and their possible solutions, are analyzed.

Lundi 24 octobre

SEMINAIRE EF

à 11.00 h – Salle de conf. EF (bât. 13, 2-005)

Les bosons intermédiaires (1)

par Ch. PEYROU

Tuesday 25 October

PROTON SYNCHROTRON AND SYNCHRO-CYCLOTRON COMMITTEE

Open session

at 09.00 hrs – Council Chamber

1. *Information from the Chairman.*
2. *Improvements to the Antiproton Accumulation Rate (E. Jones).*
3. **Status reports and beam requirements :**

SC 83 – Correlation measurements with a) light particles, and b) pion projectile fragments (CERN-Copenhagen Niels Bohr Inst.-Grenoble C.E.N., Grenoble I.S.N., Lund Univ.-Saclay CEN DPhN; B. Jakobsson).

SC 86 – The study of secondary beams produced by heavy ions (Bordeaux Gradignan C.E.N.-G.A.N.I.L.-Orsay I.P.N.-CERN; PSCC/83-38/M165; A. Fleury).

CLOSED SESSION

at 14.30 hours, in the Sixth Floor Conference Room, Administration Building.

Wednesday 26 October

DD SEMINAR

at 15.00 hrs : DD Seminar

16.00 hrs : coffee break

16.15 hrs : demonstrations of MACSYMA on the Symbolics 3600

DD Amphitheatre, bldg 31 (3rd fl.)

MACSYMA and its application to problems in engineering and the sciences

by Dr. Richard PAVELLE / Lab. for Computer Science, MIT and Symbolics, Cambridge

Thursday 27 October

PRESENTATION

at 10.00 hrs – DD Amphitheatre
(bldg. 31, 3rd fl.)

The Symbolics 3600 – An advanced workstation
by G. ATTARDI / University of Pisa and
DELPHI, Electronic Design System, Viareggio

CERN ACCELERATOR SCHOOL COURSE ON ANTIPROTONS FOR COLLIDING BEAM FACILITIES

The following lectures are open to anyone wishing to attend

Thursday 20 October

at 14.30 hrs – Auditorium
**CERN proton-antiproton complex;
present and future**
by C. RUBBIA / CERN

Friday 21 October

at 09.00 hrs – Auditorium
Tevatron I
by J. PEOPLES / FNAL

Friday 21 October

at 11.00 hrs – Auditorium
Proposal for the CERN Antiproton collector
by B. AUTIN / CERN

Friday 21 October

at 14.30 hrs – Auditorium
Closing address
by H. SCHOPPER / CERN

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

ACADEMIC TRAINING

Tel. 2844

19, 20, 24, 25, 26 and 27 October

at 11.00 hrs – Auditorium
**Gauge theories : basic concepts and
experimental consequences**
by G. ALTARELLI / University of Rome and
CERN
Six lectures

INFORMATIONS

GENERALES

GENERAL INFORMATION

FORMATION DE SECOURISTES

Le Service médical et les Services de secours et du Feu se proposent d'organiser, **dès le 31 octobre 1983** des cours de secourisme élémentaire, d'une durée totale de 8 heures, en 4 séances, destinés aux personnes n'ayant pas encore acquis de notions en matière de premiers secours.

Les personnes intéressées par ces cours sont priées de bien vouloir remplir la formule d'inscription ci-dessous et de la retourner avant le 21 octobre 1983 à :

M. C. ESCAFFRE / TIS



Formule d'inscription (à retourner à M. C. ESCAFFRE / TIS avant le 21 octobre)

COURS DE SECOURISME ELEMENTAIRE

Mme/Mlle/M. _____

Prénom _____ Div. _____

désire participer aux prochains cours de secourisme élémentaire.

Signature _____

Date _____

FIRST-AID TRAINING

The Medical Service and the Emergency and Fire Services plan to organize a first-aid course for beginners, consisting of 4 sessions of about 2 hours each, 8 hours in total. The course will start on **31 October 1983**.

Those wishing to take part are requested to complete the form below and return it before 21 October 1983 to :

Mr. C. ESCAFFRE / TIS



Application form (to be returned to Mr. C. ESCAFFRE / TIS before 21 October)

FIRST-AID COURSE

Mrs./Miss/Mr. _____

First name _____ Div. _____

wishes to take part in the course in First-Aid for Beginners.

Signature _____

Date _____