

DISPARITION DE BIENS APPARTENANT AU CERN

Il est rappelé aux membres du personnel qu'en cas de disparition ou de détérioration de biens appartenant à l'Organisation, ils doivent faire immédiatement une déclaration écrite des faits à la Réception, Bâtiment 55. En dehors des heures habituelles de travail (les soirs, samedis, dimanches et jours fériés), ils doivent téléphoner au Service du Feu, tél. 4444.

Dans tous les cas graves, l'Organisation porte plainte auprès de la Police/Gendarmerie compétente des Etats-hôtes et l'autorise à intervenir sur place. Afin de lui permettre de mieux effectuer son travail, il est demandé aux personnes concernées de laisser les locaux en l'état.

Groupe Réception
Tél. 2152

DISAPPEARANCE OF CERN PROPERTY

Members of the personnel are reminded that, in cases of disappearance or deterioration of property belonging to the Organization, they should immediately make a written declaration of the facts at the Main Reception, Building 55. Outside normal working hours (evenings, Saturdays, Sundays and holidays), they should telephone the Fire Service, tel. 4444.

In all serious cases, the Organization lodges a complaint with the appropriate Host-Country police, and authorization is given for an on-site investigation. In order that this work may be carried out in the most effective manner, persons concerned are requested to leave premises as they stand at the time the incident is discovered.

Reception Group
Tel. 2152

SEMINARS SEMINAIRES

Monday 24 June

PRESENTATION

at 10.00 hrs – DD Amphitheatre (bldg. 31, 3-005)

VMEbus from Plessey Microsystems

by P. BURNLEY / Plessey, Towcester, UK
M. WAGNER, Plessey, Rüsselsheim, FRG
J.-P. BEER, B. MÜLLER and J. SILHAVY
/ Fabrimex, Zürich

Plessey Microsystems has been producing board-level products since 1955 including military computer systems, Multibus I boards and bubble memories, and has recently begun to produce a full range of VMEbus modules. One year after announcing its second source agreement with Force Computers, Plessey Microsystems offers about 40 different products as second source, or of its own design. Plessey's factory in Towcester employs more than 450 people and has a production capability of some 10,000 boards per month. Manufacturing is to high standards, including military specifications. In the afternoon, there will be a demonstration of VMEbus equipment from Plessey.

Mardi 25 Juin

PRESENTATION TECHNIQUE

à 09.00 h (voir détail de l'horaire ci-dessous)
Salle de conférence EF (bât. 13, 2-005)

TRW (D), représenté par Baerlocher AG, propose un séminaire sur le traitement numérique des signaux [par Christoph Tiefenthaler, Ingénieur d'application TRW Div. LSI, Munich (D)].

09.00 - 11.30 : généralités : introduction et notions de base, filtres numériques RIF et RII, analyse spectrale TFR, MEM, corrélation.

14.00 - 15.30 h : produits TRW Div. LSI et applications : multiplicateurs, multiplicateurs-accumulateurs CMOS, fifos, registres à décalage rapide, corrélateurs, TNS en virgule flottante, convertisseurs A/D et D/A rapides.

Langues : anglais, français
Renseignements : M. Diraison / FI / 4585

Mardi 25 Juin

PRESENTATION TECHNIQUE

de 9.30 à 11.30 h – de 13.30 à 15.00 h,
et de 15.00 à 16.30 h – Bât. 73, 2-027

ASEA (S) propose trois démonstrations du système d'affichage en couleur TESSALATOR ASEA : facilité de lecture, composition simple des caractères et des symboles, simplicité du dialogue avec l'ordinateur; composition de l'image en off-line à l'aide du clavier et d'un système à boule; conception aisée des symboles spéciaux conformes aux propres standards et normes de dessin de l'utilisateur, nombre élevé de fonctions de traitement, notamment des fonctions de cadrage et de positionnement du curseur. Ce système est orienté symbole, ce qui signifie qu'il fournit à l'ordinateur une description du contenu de l'écran et non la composition de tous les caractères.

Langues : anglais, français
Renseignements : M. Diraison / FI / 4585

Tuesday 25 June

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Recent developments at Cornell : b quark studies and the CLEO II project

by S. STONE / Cornell

A review of b quark decays emphasizing new results from CLEO on inclusive B decay modes and new searches for b goes to u through specific exclusive channels will be presented. In addition, a new detector (CLEO II) under construction at Cornell, which couples excellent charged particle detection and momentum measurement from a drift chamber with excellent photon detection and energy resolution using CsI crystals will be described.

* Tea and coffee will be provided at 16.00 hrs.

Mercredi 26 Juin

PRESENTATION TECHNIQUE

de 09.00 à 16.00 h – bât. 73, 2-027

HEWLETT-PACKARD (Suisse) SA propose en exposition/démonstration leurs nouveaux équipements informatique et instrumentation (D, F, J, Singapour, USA) : instruments personnels (voltmètre, oscilloscope, générateur de fonctions, etc) connectables sur HP 150 et IBM ou compatibles; nouveaux PC HP, MS DOS / UNIX; analyseur de spectre RF 71000 et FFT BF 3562A; nouveaux oscilloscopes digitaux; analyseur logique; nouveaux périphériques (disques durs, imprimantes, etc.).

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

Wednesday 26 June

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Sigma-model, Higgs potentials and partial breaking in extended supergravities

by P. FRE / CERN

We compute scalar potentials in extended supergravity on a pure group-theoretical basis. This technique finds applications in the study of sequential supersymmetry and gauge symmetry breaking in extended supergravities and it is used to construct the coupling of $N=3$ matter to supergravity.

Wednesday 26 June

LEP SEMINAR

at 14.30 hrs – LEP Auditorium
(last floor of bldg. 30)

Electronic design using computer aided methods

by L. PREGERNIG / CERN-LEP

During the last few years workstations for electronic design have become available on the market.

We have carried out two projects in order to evaluate the possibilities of today's computer aided design methods :

- 1. the design of an interface circuit using programmable logic,*
- 2. the development of a module consisting of 300 integrated circuits.*

The presentation will describe the two projects, the engineering workstation (CAE) and its interfacing to a layout system (CAD), the production of a prototype module using a semi-automatic wire-wrapping machine (CAM). Finally the experience gained from these projects will be discussed.

Thursday 27 June

ISOLDE SEMINAR

at 16.00 hrs – TH Conference Room

**New modes of tunneling radioactivity :
Cluster emission or supersymmetric fission ?**

by P.B. PRICE / Berkeley

Several cases of radioactive decay via emission of mono-energetic carbon 14 or neon 24 have now been discovered. Branching ratios relative to alpha decay as low as 10^{-12} have been measured, and for emitted fragments with Z less than 10 it should be possible to measure branching ratios as low as about 10^{-14} . The talk will cover current and planned experiments and theoretical models.

BULLETIN CERN

26/85 – 24.6.85

Tuesday 2 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Physics of charm and beauty, and beyond

by LING-LIE CHAU / Brookhaven National Laboratory

Wednesday 3 July

PS SEMINAR

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

Some interesting activities in the Accelerator Technology (AT) Division of LANL (Los Alamos)

by M. WEISS / CERN

Wednesday 3 July

CAS ACCELERATOR SEMINAR

at 14.30 hrs – Auditorium

Collider scaling laws and exotic acceleration schemes

by R.B. PALMER / Brookhaven Laboratory

Wednesday 3 July

DD SEMINAR

at 16.00 hrs – DD Amphitheatre (bldg. 31, 3-005)

Why work at CERN ?

by J.M. GERARD

Thursday 4 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

D-meson studies with the MARK-III

by D. HITLIN / Caltec

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 27 juin

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

(Dernier exposé avant les vacances d'été.)

LECTURE NOTES

Participants to the lectures : 'Highlights on proton antiproton collider results' by L. DI LELLA are informed that the Lecture Notes (copies of the transparencies) have been printed and may be obtained from the Central Library (DOC), **but on self-service only.**