

as Japan's FGCS project, ESPRIT and ALVEY. He has also worked at the Japanese Fifth Generation research institute (ICOT) in Tokyo. Treleaven holds a BTech from Brunel University, and MSc and PhD degrees from Manchester University, England.

* Tea and coffee will be provided at 15.30 hrs.

Friday 6 November

VALET-PLUS INFORMATION MEETING

at 9.30 hrs – DD Auditorium
bldg 31, 3-005

All VALET-Plus users, present and future, as well as all those having an interest in its present status, and future plans for its development and use, are invited to attend.

Information : Yves Perrin / DD / 3194

Friday 6 November

MEETINGS ON PARTICLE PHENOMENOLOGY

at 11.00 hrs – Theory Conference Room

A discussion of the measurement of the real part of the $p\bar{p}$ amplitude at the CERN collider

- 1) The UA4 experiment
by G. Matthiae
- 2) The impact picture
by T.T. Wu
- 3) The Odderon interpretation of the data
by B. Nicolescu
- 4) Are we seeing a new threshold in $p\bar{p}$ scattering ?
by A. Martin

Monday 9 November

EF SEMINAR

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

Report on the IEEE 1987 nuclear science symposium in San Francisco

by Sandro MARCHIORO / CERN-EF (et al.)

The talk will cover selected topics from the (parallel) sessions of the conference with emphasis being placed on data acquisition and related subjects.

Monday 9 November

EP SEMINAR

at 16.30 hrs – Auditorium

Radiative corrections to the Z^0 resonance at LEP/SLC and to narrow resonances in e^+e^-

by Giovanni BONVICINI / Univ. of Michigan, Ann Arbor

We review the status of QED corrections to the Z^0 resonance, and show that they can be calculated and incorporated into the comparison with experiment so that there will be no QED uncertainty on the measurements of the Z^0 mass and width at SLC and LEP. Two Monte Carlos used for this analysis are described. We use our results to refit the data of the J/ψ and ψ' , and other charm and beauty resonances, and

find that six quantities in the Particle Data Book change significantly. We conclude discussing possible experimental tests of QED factorization, and the impact of this analysis on forthcoming high precision tests of the Standard Model.

Du 30 novembre au 4 décembre

SEMINAIRE TRAITEMENT DE TEXTE «MICROSOFT WORD» SUR MACINTOSH

- Du lundi au vendredi, 5 demi-journées
- Deux niveaux : (1) Débutants, (2) Avancés
- Les participants devront avoir les connaissances de base du Macintosh
- Nombre de places limité
- Pour tous renseignements et inscriptions, s'adresser à Mme W. Hug / EP, tél. (8)7159, le matin de 08.00 à 12.00 hrs.
- Date limite d'inscription, le vendredi 20 novembre 1987.

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

Mardi 3 novembre

LES SCIENCES AUJOURD'HUI

à 20.00 h précises – Amphithéâtre
(jusqu'à environ 22.00 h)

par R. CARRERAS

Rafel Carreras, responsable du programme d'Enseignement général au CERN, commentera et expliquera un choix d'articles parus récemment dans des revues scientifiques, et qui couvrent l'ensemble des sciences physiques et biologiques ainsi que certains aspects des relations science-société. Une attention particulière est portée au langage et aux notions utilisés afin que les explications et les commentaires soient accessibles aux personnes n'ayant pas de formation scientifique.

Entrée libre

(Please note that the lecture will be given in FRENCH)

Service des Relations Publiques
Tél. 2722

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 5 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING
Tel. 2844-3364

3, 4, 5 & 6 November

11.00 hrs to 12.00 hrs – Auditorium

Biophysics of human energetics

by P. CERRETELLI / Département de
Physiologie, CMU, Genève
& P.E. DI PRAMPERO / University
of Udine

INFORMATIONS
GENERALES
GENERAL INFORMATION

REINTEGRATION – Sécurité sociale française

La prochaine permanence de la Sécurité sociale
française aura lieu le

jeudi 5 novembre 1987 de 13h30 à 15h30
salle de conf. no 2, Division PE, Bât. 5, 1er étage

Les personnes intéressées sont priées de prendre
rendez-vous en téléphonant au Secrétariat de la Section
des Affaires sociales (tél. 4201).

Section des Affaires sociales
Division du Personnel

PROCHAIN CONCERT

Vendredi 13 novembre 1987 à 20 h

Grand Auditorium du CERN

Récital

Benedetta Simonati: piano

Programme:

L.v. Beethoven Sonate en *do* majeur N° 3, op. 2
F. Chopin Impromptu N° 2, op. 36
Polonaise en *fa* dièse mineur, op. 44
F. Liszt Grand concert fantaisie sur La Sonnambula
(Bellini)
Jeux d'Eaux à la Villa d'Este
Rhapsodie hongroise N° 12

Concert abonnement

Billets: Fr. 14.- en vente uniquement le soir du concert dès 19h en fonc-
tion des places disponibles

*N.B. Le nombre de places dans l'Auditorium 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, tél. 4813, recherche 13-4006. Merci.*

9, 10, 11 & 12 November

11.00 hrs to 12.00 hrs – Auditorium

**Possible experimental manifestations of
supersymmetry and superstrings**

by J.R. ELLIS / CERN-TH

*The motivations for supersymmetric theories will be
reviewed and their possible experimental probes at
accelerators and in non-accelerator experiments will be
discussed. An elementary introduction to superstring
theory will be given, and different approaches to its
phenomenology will be reviewed. The prospects for
experimental manifestations of superstrings will be
mentioned.*

FINAL NOTICE

Computer Centre Access Control

Initially triggered by the top management of CERN
for security purposes only, physical access control to the
computer centre building has since become even more of a
necessity with the arrival of the Cray super-computer
system in building 513.

Installation of a badge-controlled access into the
main computer centre hall and the 'BARN' of building
513 is now complete. Other areas of the two DD
buildings (some corridors in 513 and the main entrance
to 31) will be equipped with access control mechanisms
for nights and week-ends only.

Access to the tape vault (basement of the computer
centre building), the main reception area (paper output
racks, self-user printers, etc.), the Computer Science
Library and public terminal clusters will remain
UNRESTRICTED 24 hours/day, 7 days/week for tape
activities and user enquiries.

Access to the main computer hall will be granted to
a very limited number of people.

As far as the 'BARN' is concerned, access will be
granted only to those people directly concerned with
equipment in this area.

The system installed in DD uses the new standard
'high coercivity' magnetic access cards that are now
available CERN-wide for LEP and some SPS and PS
access control systems. The CERN cards are encoded on
track one and we encode the same card afterwards on
track three.

**The system will be put into operation this coming
Monday 2 November. Starting with the computer hall
early in the week, the 'BARN' and then the other access-
controlled areas will be progressively put into operation
throughout the week. The whole exercise should be
complete by 6 November.**

IMPORTANT REMINDER

*For those concerned (CERN staff members, outside
contractors needing to access those areas) who have not
yet done so, the standard CERN access card can be
obtained in building 33 (D. Chery, tel. 6622). They
should then contact J.-C. Bourigault (tel. 3106) or
K. Pluntke (13-5559) as a matter of urgency for proper
validation of their card for these two buildings. As*