

Thursday 30 April

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

New hypothesis on the nature of colour and quark confinement

by Prof. V.N. GRIBOV / Landau Institute, Moscow

A new hypothesis on the nature of quark confinement and the structure of the infra-red behaviour in gluodynamics is proposed. It is argued that confinement occurs only because there exist light quarks.

* Tea and coffee will be provided at 16.00 hrs.

Monday 4 May

EP SEMINAR

at 16.30 hrs – Auditorium

A measurement of the average lifetime of B hadrons with the TASSO experiment

by Kai-Uwe PÖSNECKER / Universität Hamburg / DESY

The average lifetime τ_B of B hadrons produced in electron-positron annihilation has been measured with the TASSO experiment at PETRA. A new method for the determination of τ_B has been developed. It is based on all hadronic events passing a two jet cut. No explicit enrichment of events containing boson quarks is performed. A variable called the dipole moment Q is measured for each event. This quantity describes the separation of the vertices of the two jets in the detector plane perpendicular to the beam axis. These vertices are calculated from all well reconstructed tracks per jet. The dipole moment for a hadronic event with primary boson quarks is strongly correlated with the distance between the decay vertices of the two hadrons containing the boson and antiboson quark. τ_B is derived from a

comparison of the mean values $\langle Q \rangle$ from the data and from simulated events of different B-lifetimes. The method itself and recent results will be presented and compared with other measurements.

Wednesday 6 May

EP SEMINAR

at 16.30 hrs – Council Chamber

Please note change of day and place!

A silicon strip vertex detector for the Mark II experiment at the SLC

by Andreas S. SCHWARZ / SLAC

POUR INFORMATION / FOR INFORMATION

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Physique des Particules,
Chemin de Bellevue,
B.P. 909,
F-74019 Annecy-le-Vieux Cédex.
Tél. 50 23 32 45.

Mercredi 29 avril

LAPP SEMINAR

à 10.45 h – Amphithéâtre du LAPP, Annecy

Charm quark physics with the Mark III detector at SLAC

par David COWARD / SLAC & CERN

Pour tous renseignements, s'adresser à Guy COIGNET, LAPP.

TRAINING AND EDUCATION ENSEIGNEMENT

TECHNICAL TRAINING FORUM

Programmable Logic Device How to use them in practice

Henning LARSEN / PS

Tuesday April 28 – 9 h.00
Room 11 (Amphi) – Bldg 593

There exists now a large number of Programmable Logic Devices (PLD's) in a variety of configurations (PAL, PLE, FPLA, GAL, EPLD, ...)

Using them in designs can give significant savings in cost and increase the flexibility of the circuit.

The following subjects will be treated :

- Fonctionnalité of the most common PLD's
- The ABEL (Advanced Boolean Expressions design Language)
- Some characteristic designs using ABEL
- Demonstration of the design process on a PC

This FORUM is aimed at helping the participants to understand and start using a big part of these PLD's in designs. It could also be followed by people who know PLD's, but not the ABEL language.

The participants are invited afterwards to practice in making their own designs on the PC in the PS-CO groupe, to the extent it is available.

Mardi 5 mai

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 physi-

ques 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

INFORMATIONS

GENERALES

GENERAL INFORMATION

COLLECTE DE SANG

Au nom du Centre de transfusion sanguine de Genève le Service médical tient à adresser ses plus vifs remerciements aux 294 personnes qui se sont présentées à la collecte de sang du 25 mars.

Dr J.P. Diss
Service médical

CHANGEMENT DE CONCESSIONNAIRE AU RESTAURANT no 3

Faisant suite à l'annonce relative au changement des concessionnaires des restaurants du CERN parue au Bulletin hebdomadaire no 11/87, la firme 'Générale de Restauration' reprendra la concession du Restaurant no 3 (site de Préveessin) à partir du 1er mai 1987. L'ouverture aura lieu le 4 mai 1987 à 07h00.

Parmi les changements intervenant dans les services offerts aux clients, du lundi au vendredi, dans le cadre de la nouvelle concession, on peut relever :

- 1) l'introduction des petits déjeuners servis de 07h00 à 09h00;
- 2) deux plats à prix conventionnés servis de 11h30 à 14h00, plats dont les protides seront choisis à partir d'une liste établie avec l'aide du consultant diététicien;
- 3) un plat végétarien tous les jours;
- 4) un plat diététique tous les jours;
- 5) l'introduction d'un repas du soir, servi de 18h00 à 20h00 et offrant les prestations mentionnées en 2) et 3) ci-dessus.

Les membres du personnel sont invités à expérimenter ces nouvelles prestations et à faire part de leurs commentaires au Comité de Surveillance des Restaurants au moyen de la boîte à idées, ou directement au directeur du restaurant, M. Margherini.

Nota : Le changement de Concessionnaire au Restaurant no 2 aura lieu au cours du week-end du 27/28 juin 1987.

Comité de Surveillance des Restaurants
Tél. 3207

BLOOD DONORS CAMPAIGN

On behalf of the 'Centre de transfusion sanguine of Geneva' the Medical Service wishes to thank the 294 persons who donated blood on 25 March.

Dr J.P. Diss
Medical Service

CHANGE OF CONCESSIONNAIRE FOR RESTAURANT No 3

As announced in Weekly Bulletin No 11/87, the firm 'Générale de Restauration' will take over the concession for Restaurant No 3 (Prévessin site) as from Monday 4 May 1987.

The new services provided to clients under the new concession, from Monday to Friday, include :

- 1) the introduction of a breakfast service, from 07.00 to 09.00 hrs;
- 2) two set price dishes served from 11.30 to 14.00 hrs, with principal ingredients chosen from a list drawn up with the help of our consultant dietician;
- 3) a vegetarian dish every day;
- 4) a dietetic dish every day;
- 5) the introduction of an evening meal, served from 18.00 to 20.00 hrs, offering items 2) and 3) above.

Members of the personnel are encouraged to try out the new restaurant services and to record their comments in the suggestion box in the restaurant, or to the new restaurant manager, Mr. Margherini.

Note : The change of Concessionnaire for Restaurant No 2 will take place during the weekend of 27/28 June 1987.

Restaurants Supervisory Committee
Tel. 3207