

Wednesday 17 November

PS SEMINAR

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

Light ions in the PS

by H. HASEROTH / CERN-PS

Light ions have already a long history at CERN. The first deuterons had been accelerated in the CERN 50 MeV Linac back in 1964. Later on they were injected and accelerated in the PS and transferred and stacked in the ISR. Studies were made several times to investigate the possibilities to accelerate heavier masses but only alpha-particles were finally used in the PS and ISR. The growing interest of the physics community in (light) ions was made evident with a letter of intent to the PSCC in 1980. At that moment it was decided to have a new look to what might be possible with the CERN machines. This talk will give an overview of what has been done at CERN, the technological complications and what might be possible in the future.

THEORETICAL SEMINAR

at 14.00 hrs - TH Conf. Room

Bounds on stable motion

by I. PERCIVAL / Queen Mary College, London

The motion of dynamical systems, such as particles in fields, can be ordered and controllable or chaotic and troublesome. The KAM theorem gives a lower bound on the ordered motion that is numerically useless. A strict and useful upper bound on rotational ordered motion is presented.

DD SEMINAR

at 16.00 hrs - DD Auditorium, bldg. 31, third fl.

A small SMALLTALK talk

by D. MYERS

The SMALLTALK project is of special interest because its aim has been to provide a complete environment (operating system, language, run time system) have a very high level user interface. As the number suggests, the intention was to use less talking (i.e. character i/o) and to try to substitute graphics wherever possible. Although these ideas are now fashionable, the SMALLTALK team have had almost a 10 year start. In a 'small talk' it is not possible to do full justice to a project of this magnitude. Therefore the aim will be to give an overview, plus more details of the user-computer interaction which everyone is now trying to emulate.

Thursday 18 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

First results from the Mont-Blanc experiment on nucleon stability

by Ettore FIORINI / Milan Univ.

The results obtained in the first four months of operation of the Mont-Blanc experiment on nucleon stability

are reported. The set-up consists of a 150 ton calorimeter made of 134 horizontal iron plates interleaved with planes of limited streamer tubes. Four fully contained events have been observed. While three of them can easily be interpreted as neutrino interaction, the fourth one is compatible with a proton decay. This and other interpretations are discussed

*Tea and coffee will be provided at 16.00 hrs.

Monday 22 November

EF SEMINAR

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

The high density avalanche chamber for positron imaging

by A. JEAUVONS / CERN-EP

Tuesday 23 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

Search for neutron - antineutron transitions

by G. FIDECARO / CERN

Thursday 25 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

Study of charmed particles photoproduced in nuclear emulsions coupled to the Omega spectrometer

by G. DIAMBRINI-PALAZZI / Rome Univ. and INFN, Rome

TRAINING AND

EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING

Tel. 2844

Tuesday 16 November and Wednesday 17 November

Particle detectors - lectures 3 and 4 in a series of 8

from 11.00 hrs to 12.00 hrs - Auditorium

Calorimeters

by O. ULLALAND / CERN-EF

Calorimeters are used to measure the position and the energy of a particle through absorption in the detector. This enables a discrimination between particles which interact electromagnetically, strongly or weakly with the detector. The aim of detector research over the last years

has been to comprise a good measurement with an accurate position measurement. This has lead to an increasing interest in gas sampling calorimeters. In these lectures we will discuss the shower development in sampling calorimeters and the different methods to detect the pattern of the energy deposit.

Thursday 18 November and Friday 19 November

from 11.00 hrs to 12.00 hrs - Auditorium

Electroweak interactions

by L.M. SEHGAL / RWTH, Aachen

(Lecture 1 and 2)

Monday 22 November to Friday 26 November

from 11.00 hrs to 12.00 hrs - Auditorium

Electroweak interactions

by L.M. SEHGAL / RWTH, Aachen

(Lectures 3 to 7)

ENSEIGNEMENT GÉNÉRAL (Tél. 2844)

Jeudi 18 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous -

par R. CARRERAS

ENSEIGNEMENT Tél. 2844

FORMATION AU MANAGEMENT

A l'instar de la formation en anglais 'Supervisor Training', donnée cet automne par David Graton, les Services d'Education et de Formation mettront prochainement sur pied une formation, en français, aux méthodes de management. Elle débutera dès février 1983 et sera assurée par Pierre Artigues, de la Maison IDEP-CELEP, Paris.

Les personnes qui souhaiteraient obtenir de plus amples informations ou exprimer leurs besoins spécifiques sont invitées à une réunion avec Pierre Artigues

**mardi 16 novembre à 14.00 heures
salle 11, baraque 593 (ex-ESO)**

Le programme envisagé est celui-ci :

1. Le responsable d'un groupe

- Comment exercer ce rôle : animer, guider
- Comment stimuler son groupe
- Comment développer son efficacité et celle de son équipe

2. Le responsable 'carrefour' de l'organisation

- Comment avoir une influence reconnue

- Comment faire circuler l'information

- Comment gérer les tensions.

Cette formation est destinée à toute personne ayant actuellement ou prochainement une responsabilité hiérarchique directe ou indirecte.

Vous pouvez obtenir toute information complémentaire auprès de E. Fischer tél. 5811, ou J. Huguenin tél. 3364, Services Education et Formation.

COURS D'INFORMATIQUE A L'EPFL

Le Conseil en Micro-informatique technique (CMIT) auprès de l'EPFL organise de temps en temps des cours (séminaires) d'une ou plusieurs journées, qui pourraient intéresser certains membres du CERN. Voici un exemple :

'68 000', cours intensif de 3 jours.

Dates : 30 novembre, 7 et 14 décembre

Horaire : 08.30 h - 12.30 h, 14.00 h - 18.00 h

Lieu : EPFL-DE-CMIT, Bellerive 16,
1007 Lausanne

Prix : 500.- frs.s. par personne.

Des informations plus précises et des feuilles d'inscriptions peuvent être obtenues auprès de :

E. Fischer (5811)

J. Huguenin (3364).

Services éducatifs
Département du Personnel

INFORMATIONS GÉNÉRALES GENERAL INFORMATION

FETE LEP

Comme vous avez pu le lire dernièrement, le Comité des Finances a approuvé la négociation de contrats engageant un tiers du budget prévu pour le LEP. Le travail préparatif pour ces contrats et pour beaucoup de contrats à venir est énorme et pour remercier tout le personnel qui, de près ou de loin, contribue au travail du LEP,

nous vous invitons tous à venir boire un verre le vendredi 19 novembre, à partir de 17.00 h au restaurant Coop, bâtiment principal.

LEP Management Board