

Mercredi 23 novembre

PRESENTATION TECHNIQUE

de 09.00 à 12.00 hrs – Amphithéâtre LEP
bât. 30, 7e étage

Séminaire IBM Suisse

Sujet : présentation et informations sur Cartridge IBM 3480.

Produits : bandes magnétiques en cassette pour sous-système à bande magnétique IBM 3480.

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

Wednesday 23 November

PS SEMINAR

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

Selected topics in accelerator technology developments

by Hans RIEGE / CERN-PS

Wednesday 23 November

CAS ACCELERATOR SEMINAR

at 14.30 hrs – Council Chamber*

The fourth lecture in the John Adams' memorial lecture series

Beam mode observation

by F. PEDERSEN / CERN-PS

Beams circulating in synchrotrons can oscillate coherently in numerous longitudinal and transverse modes. A review of these modes is presented. In certain cases electromagnetic interactions with the surroundings cause spontaneous growth of a mode : i.e. a coherent instability occurs. Stable modes can be driven by external excitation, which can be used to determine stability margins and many beam properties. Observation of coherent modes after injection can be used to determine injected beam properties. Finally, recent evidence for a transverse quadrupolar ion-antiproton instability in the CERN AA is presented.

* Tea & coffee will be served at about 16.00 hrs (after the lecture).

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844 - 5811

Jeudi 17 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-2460

14 & 15 November

11.00 to 12.00 hrs – Auditorium

Experimental tests of quantum mechanics in quantum optics

by A. ASPECT / Ecole Normale Supérieure, Paris

21, 22, 23 & 24 November

11.00 to 12.00 hrs – *Council Chamber**

Elementary introduction to supersymmetry

by S. FERRARA / CERN-TH

Supersymmetry is a symmetry which interchanges bosons with fermions, the fundamental building blocks of matter. In this series of lectures, a simple introduction to supersymmetry in the physics of particles and fields will be given. The role of supersymmetry as a framework for unified theories including gravity, such as supergravity and superstrings, will be discussed.

* Please note change of place!



ENSEIGNEMENT TECHNIQUE
TECHNICAL TRAINING

SEMINAIRE SEMINAR

12 au 15 décembre 1988

BLINDAGES ET MISE A LA TERRE

par M. Mardiguian
Don White Consultant

Organisé en collaboration avec la division PS, le séminaire théorique de 3 jours est complété d'une 4e journée de travaux pratiques sur des cas réels avec utilisation d'un logiciel de simulation.

INFORMATIONS GENERALES GENERAL INFORMATION

MACINTOSH MICROSOFT WORD COURSE 5-9 December

MIS and EP Macintosh support units are organizing a five half-day course on MS-Word. A limited number of places is available and the deadline for enrolment is 28 November.

Please contact K. Pluntke / DD / 5014, 5015, beep 13 + 5619.

COMPUTING AT CERN IN THE 1990s

The Working Group contributing the section 'Computing for Experimental Physics' to the above study has now produced a draft report. It is available in the divisional secretariats of DD, EF, and EP. The group would like this draft to be discussed as widely as possible. Interested physicists-users and professionals are therefore invited to an

Open Discussion Meeting
on Wednesday 16 November at 14.00 hrs - Auditorium

For those who want to comment on the report but are unable to attend the meeting, an electronic mail possibility has been created. Please send your written comments to

GBOOK@CERNVM.

R. K. Bock / EP
For the Working Group

Les personnes intéressées sont priées de prendre contact avec le Secrétariat de l'Enseignement Technique qui leur fournira une description détaillée et une formule d'inscription. (M. Duval - tél. 4460).

GROUNDING AND SHIELDING

This seminar is organized in collaboration with the PS division and could be given in English at the beginning of 1989 if there are enough demands. The normal 3-days theoretical seminar will be completed by a fourth day of practical work with a simulation software.

If you are interested, please contact the Technical Training Secretariat and apply for detailed information and for an application form (tel. M. Duval - 4460).

COURS MACINTOSH DE MICROSOFT WORD 5-9 Décembre

Les unités de support Macintosh de MIS et EP organisent un cours de MS-Word de cinq demi-journées. Le nombre de places est limité. Délai d'inscription : le 28 Novembre.

Contactez K. Pluntke / DD / 5014, 5015, beep 13 + 5619.

TELEPHONES DIGITAUX

On nous signale la disparition de deux appareils téléphoniques STK digitaux avec affichage, sur lesquels il est gravé CERN, du sous-sol du LEP, tunnel klystron, UA23 et US25.

Nous vous rappelons que ce genre d'appareil ne peut être utilisé sur aucun autre système; nous serions heureux de les récupérer. Merci.

Section Communications
Division LEP/SPS