

SEMINARS

SEMINAIRES

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

Status of quark mixing in weak interactions, properties of decay and CP-violation in heavy quark systems are reviewed. Consequences of more than three generations of quarks are discussed.

* Tea and coffee will be provided at 16.00 hrs.

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

Having spent 3 months at LANL, the lecturer will give a general review of the work in the AT division, followed by a more detailed treatment of some topics, such as emittance increase mechanisms, various applications of RFQ's, etc.

Wednesday 3 July

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Progress report on perturbative calculations for superstrings

by S. MANDELSTAM / Berkeley and E.N.S. Paris

Wednesday 3 July

CAS ACCELERATOR SEMINAR

at 14.30 hrs – Auditorium

Collider scaling laws and exotic acceleration schemes

by R.B. PALMER / Brookhaven Laboratory

Advanced acceleration mechanisms will be reviewed in the light of the requirement for high energy colliders. A 5 TeV machine with a luminosity of $10^{34} \text{ cm}^{-2} \text{ s}^{-1}$ is used as an example. The scaling that follows from quantum beamstrahlung will be discussed. Injector requirement will be defined and a crude order of magnitude cost minimization performed.

Wednesday 3 July

TIS SEMINAR

at 16.00 hrs – LEP Auditorium
(top floor of bldg. 30)

Radiation protection programme in the International Atomic Energy Agency

by V. ALEINIKOV / Dubna, and International Atomic Energy Agency, Vienna

Wednesday 3 July

DD SEMINAR

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

Why work at CERN?

by J.M. GERARD

Home computers are becoming an accepted status symbol, with even Migros selling them. Some people, including some CERN staff members, manage to use them for other than 'if it moves then shoot it' arcade games.

Telecommunications facilities (acoustic couplers and modems) are also getting cheaper, even if severe PTT regulations in Switzerland can restrict the competition. Communication speeds of 30 characters per second are standard, and 120 characters per second should be feasible soon at equally reasonable prices.

The seminar will examine the efforts which were needed to allow one particular home micro, namely a Commodore 64, to be used with a simple acoustic coupler for terminal access and file transfer with some CERN computers. Many of the difficulties probably apply to other makes of home micro, since these difficulties are approximately inversely proportional to cost of the home micro.

The seminar will be relatively informal and not particularly technical. However, reference will be made in a simple way to the various standards for digital transmission over telephone lines. There will also be a practical demonstration at the end.

Thursday 4 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

D-meson studies with the MARK-III

by D. HITLIN / Caltec

D decay studies are reviewed. Topics include branching ratios of Cabibbo-allowed and suppressed hadronic decay. Dalitz plot studies of three body decays, and inclusive and exclusive semileptonic branching ratios.

* Tea and coffee will be provided at 16.00 hrs.

Friday 5 July

MEETINGS ON

PARTICLE PHYSICS PHENOMENOLOGY

at 11.00 hrs – TH Conference Room

HEAVY QUARK DECAYS

Flavour tagging with the microvertex detector at LEP

by R. SETTLES / Munich

CP violation

by Ling-Lie CHAU / Brookhaven National Laboratory

Tuesday 9 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

High statistics inclusive phi-meson production at SPS energies

by H. DIJKSTRA / NIKHEF-H, Amsterdam

Thursday 11 July

SCIENCE AND SOCIETY SEMINAR

at 20.30 hrs – Auditorium

Star wars and arms control : Problems and prospects

by S.D. DRELL / SLAC

Thursday 11 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

e^+e^- physics in the upsilon region

by W. SCHMIDT-PARZEFALL / DESY

TRAINING AND

EDUCATION

ENSEIGNEMENT

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.**

INNOVATION DANS LA FORMATION DES CADRES

Le Centre de Perfectionnement des Cadres de Genève (CPCG) association sans but lucratif, organise des cours du soir depuis 1961. Il propose dès cette année une nouvelle formule pour son cours de trois ans.

Au cours d'un "tronc commun" s'étendant sur les deux premières années, les participants suivront un programme fixe couvrant l'ensemble des aspects de l'entreprise et de la fonction cadre. Ce programme est assuré par des spécialistes d'entreprise, des consultants et des universitaires, avec des méthodes pédagogiques actives.

Pour la troisième année, les participants se verront proposer deux grandes options, nécessitant l'une comme l'autre un engagement personnel accru par rapport à un enseignement "classique". Dans la première option, les participants continueront à suivre des cours, mais ils en auront choisi les sujets et préparé l'organisation (contenu, choix de l'intervenant, déroulement, etc. ...). Dans la seconde option, dite "chef d'oeuvre", les participants, par petits groupes, auront à réaliser une oeuvre, de leur choix; celle-ci peut être une étude, une intervention en entreprise, une réalisation matérielle, voire la création d'une entreprise. Dans cette option plus de cours, mais la formation par l'acte, avec l'assistance des spécialistes fournis par le CPCG.

Donc une formation plus exigeante pour le participant, mais lui permettant de "se frotter" aux réalités, en dehors du cadre strict de son entreprise.

Si vous êtes intéressés, adressez-vous directement au secrétariat permanent du CPCG, rue des Terreaux-du-Temple 4, tél. 32 09 40.

Formation à la pratique du management

Il reste encore quelques places disponibles pour la prochaine session du cours de base intitulé :

FORMATION AUX TECHNIQUES D'ENCADREMENT, par Pierre ARTIGUES
qui aura lieu les 20, 21, 22 août et 2, 3 septembre 1985 (5 jours).

Ce cours est destiné à toute personne ayant des responsabilités hiérarchiques directes ou indirectes, actuelles ou futures.