

jet tagging with a microvertex detector and the application of neural networks are addressed. The bremsstrahlung limits are interpreted in the general two Higgs doublet model. Z^0 lineshape measurements further restrict the parameter space available in this model. Finally, the results are interpreted in the framework of the Minimal Supersymmetric extension of the Standard Model (MSSM). The LEP200 program will have a large potential to increase the sensitivity for the Higgs boson(s). The mass range for a discovery of the Higgs boson of the Minimal Standard Model will increase almost linear with the available centre-of-mass energy. Already in the first phase of LEP200, a significant increase of the mass parameter space compared to LEP1 for a discovery of non-minimal Higgs bosons will be possible. The requirements for a decisive test of the MSSM at a later stage of LEP200 are discussed. Techniques to reduce W^+W^- background are presented, and a sensitivity mass range is given for charged Higgs bosons.

Tuesday 21 September

TECHNICAL PRESENTATION

09.00-12.00 hrs – Council Chamber

IBM Disk Drives

by David JAMES / Senior Staff Engineer at IBM
Havant, UK & William E. BRADLEY / Global Data
SA, Geneva

Language : English

Information : M. Diraison / FI-A / 4585

EDUCATION SERVICES EDUCATIFS



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

☎ 44.60
educotech@cernvm

Technical Seminar

11-15 October 1993
from 9:00 to 17:30

CADENCE

Cadence Design Systems AG

Purpose:

The course is intended for the electronic engineers and the senior technicians who will work with design tools based on the Cadence software. At the end of the course the participants will be able to master the schematic entry, the generation of the files required by the PCB Layout Allegro system and the Verilog simulator.

Tuesday 21 September

PRESENTATION

at 09.30 hrs – CN Auditorium
bldg 31/3-005

**Cromenco presentation of the
Dynatech CNAPS Server**

Wednesday 22 September

COMPUTING SEMINAR

at 16.00 hrs – CN Auditorium
bldg 31/3-005

**ATM Gigabit Networking :
Lessons from HIPPI**

by Jim HUGHES / Developer, Network Systems
Corporation

Outline:

The following topics will be covered:

- Schematic entry basics.
- SCALD system syntax and groups.
- Customizing the Concept environment.
- Hierarchical design.
- Compiler.
- Using the Hierarchy Manager.
- Packager.
- Design checking and Physical Part tables.
- Discrete Elements.
- Transcribe and Cross-referencing.
- VeriLink (Verilog interface).
- Using SmartModels with Concept.
- Interface to PLD development (JEDEC file).
- Creating Stimuli with Verilog.
- Verilog debugging techniques.
- Using the waveforms display (cWaves).

Prerequisites:

Previous experience with digital electronic systems and computer workstations is required.

Registration:

Those who would like to apply should fill in an "Application for Training" form which may be obtained from the Divisional Secretariat, the Divisional Training Officer. A financial contribution of CHF 1000 per person will be charged to the division. The number of participants is limited to 12. A french session will be organised shortly after this one as soon as we receive the timetable from Cadence Design System AG. Extra sessions may be organised if necessary.

LANGUAGE COURSES
Secretariat : tel. 3127 (afternoons only)

REGULAR FRENCH COURSES

Registration for language courses in the first term (from 11 October to 17 December 1993).

These courses are open to all persons working on the CERN site and to their spouses.

SPECIAL FRENCH COURSES

WRITING IN FRENCH

These courses are designed for **non-French** speakers with a **good standard of spoken French**. Each student will be tested to establish his level.

Level 1 : (3 hrs/week) spelling and grammar exercises, dictation of letters. Price : 500 SFr.

Level 2 : (3 hrs/week) spelling and grammar, dictation and drafting of letters. Price : 500 SFr.

Level 3 : (3 hrs/week) spelling and grammar (depending on need), improvement of style, drafting of letters, memos and working documents. Price : 500 SFr.

Refresher course (after level 3) : (3 hrs/week) drafting of letters, memos, working documents and proofreading. Price : 500 SFr.

FRENCH FOR MEETINGS

The aim of this course is to give you the necessary tools to participate in meetings.

Duration: 6 weeks (24 hours) Price : 420 SFr.

ASSISTED SELF-TEACHING IN FRENCH

These courses are designed for those with **basic French** who cannot attend regular courses and who would like courses tailored to their **individual needs**.

Those wishing to participate will be invited for an interview so that their needs and objectives can be discussed and evaluated. Following this, a programme will be made available (books, audio and video cassettes, computer disks, language laboratory).

These courses will last six months. During this time four sessions of private tuition will be provided.

Price : 350 SFr.

For more detailed information, please contact Moniek Laurent (tel : 8143)

To enrol, you should fill in an "Application for Training" form which may be obtained from your Divisional Secretariat or the "Users' Office" (bldg 61/R-020).

COURS DE LANGUES
Secrétariat : tél. 3127 (après-midi seulement)

COURS D'ANGLAIS REGULIERS

Les inscriptions à ces cours sont ouvertes dès maintenant pour le premier trimestre 93-94 (du 11 octobre au 17 décembre 1993).

Ces cours s'adressent à toute personne travaillant au CERN ainsi qu'aux conjoints.

COURS D'ANGLAIS SPECIAUX

ANGLAIS ECRIT

L'objectif de ce cours est de vous aider à mieux rédiger vos écrits professionnels.

Durée : 24 heures Prix : 420 SFr.

FAIRE DES EXPOSES

L'objectif de ce cours est de vous donner les outils nécessaires pour faire des exposés.

Durée : 24 heures Prix : 420 SFr.

ANGLAIS POUR L'INFORMATIQUE

L'objectif de ce cours est de comprendre les termes spécifiques utilisés sur l'écran et dans les manuels.

Durée : 12 heures Prix : 210 SFr.

ANGLAIS POUR REUNIONS

L'objectif de ce cours est de vous donner les outils nécessaires pour participer aux réunions.

Durée : 24 heures Prix : 420 SFr.

ANGLAIS POUR SECRETAIRES

Programme:

- Comprendre et s'exprimer au téléphone, à la réception.
- Ecrire des messages, mémos, etc.

Durée : 24 heures Prix : 420 SFr.

AUTO-APPRENTISSAGE DE L'ANGLAIS

Ce type d'apprentissage s'adresse à ceux qui ne peuvent s'astreindre aux horaires des cours réguliers et/ou à ceux qui ont des besoins spécifiques.

L'apprenant est convoqué à un entretien d'évaluation de ses besoins. A la suite de cet entretien, un itinéraire pédagogique individuel est établi et un support pédagogique est mis à disposition de l'apprenant (livres, cassettes, vidéo, logiciels ainsi que l'accès à une salle de ressources équipée en labo de langues, ordinateurs et vidéo). Quatre séances-conseil auront lieu sur la période d'apprentissage.

L'apprenant s'inscrit pour 6 mois à n'importe quel moment de l'année.

Prix : 350 SFr.

Pour toute information complémentaire, contacter Ulrich Liptow, tél : 2957

Pour vous inscrire, veuillez compléter un formulaire de "Demande de Formation" que vous pouvez obtenir auprès de votre secrétariat de division ou au "Bureau des Utilisateurs" (bât. 61/R-020).