

Thursday 21 Octobre

PRESENTATION

at 14.00 hrs – Council Chamber

Multimedia developments using NEXTSTEP on PC and Pentium

by Robert MADALA / Terra-Nova Technologies
France

**EDUCATION
SERVICES
EDUCATIFS**



**ENSEIGNEMENT TECHNIQUE
TECHNICAL TRAINING**

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Séminaire Technique

2-3 novembre 1993

de 14.00 à 17.30 hrs

PCAD 6

G. Schnell, CONNEXE SA

But

La version 6 de PCAD constitue une mise à jour majeure. Un séminaire de deux demi-journées est organisé à l'occasion de la diffusion de cette mise à jour.

Contenu

Les points suivants seront traités :

- Conversion des bases de données 16 bits en 32 bits.
- Présentation de la nouvelle interface utilisateur (tous les modules sont intégrés).
- Adressage des périphériques (hardcopy).
- Cotation automatique.
- Renumérotation automatique des composants.

Conditions préalables

Une certaine expérience des précédentes versions de PCAD est nécessaire.

Inscription

Les personnes qui souhaitent participer à ce séminaire sont priées de remplir une "Demande de formation" qui peut être obtenue auprès du Secrétariat de leur division ou de leur Délégué divisionnaire à la formation (DTO). Une contribution financière de CHF 200.- par personne sera demandée aux divisions. Le nombre de participants est limité à 8. Des sessions supplémentaires seront organisées si nécessaire les après-midis des 4-5 et des 8-9 Novembre.

Thursday 21 October

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

Possible observation of gravitational lensing events due to dark objects in the galactic halo

by Michel SPIRO / CEA/DSM SACLAY

Technical Seminar

8, 9, 10 Novembre 1993

Introduction to Software Engineering

John Deacon

Purpose

This course aims to provide an introduction to the concepts of software engineering for developers who are interested in evaluating and understanding the ideas that form the basis of modern software development techniques. It is also recommended for technical managers who are in charge of software development projects and teams. The main objective of the course will be to stimulate participants to review their current software development procedures with a view to introducing new techniques and to research these techniques in more detail.

Outline

The course will cover the following topics :

- The Software Crisis, the History of the Chunk
- Structured Programming
- The Elements of Programming Style
- An overview of pre-OO languages
- Objects and Object-Oriented
- Object-Oriented Programming Languages
- The 6 Golden Rules of Software Engineering
- What do we Mean by "Methods"?
- Classical Methods and Structured Methods
- Should Methods "Go Object-Oriented"?
- The Patterns of Software Development
- Databases, Data Modelling, Spreadsheets
- User Interfaces & Graphical User Interfaces
- Quality Assurance, Software Cost and Effort Models
- Software Project Management

Prerequisites

No specific prior knowledge is required to follow the course, although participants will be expected to have some experience of the problems associated with developing suites of production software.

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 600 per person will be charged to the division. The number of participants is limited to 16. More information about this course can be obtained from Mick Storr/ECP (8264, storr@cernvm).