

SEMINARS SEMINAIRES

Tuesday 2 April

CN TECHNICAL PRESENTATION

at 10.00 hrs – CN Auditorium
bldg 31 / 3-005

VXibus From National Instruments Corporation
by Tim FOUNTAIN / National Instruments Corporation

National Instruments Corporation will present the VXibus concept and their specific products, both hardware and software. These will include :

- *Macintosh SE / 30, Real-Time PC030 and PC386 slot 0 controllers*
- *Resource manager and program development tools*
- *Interconnections to VMEbus, Sbus Risc6000, GPIB, AT bus and PS / 2.*

The formal presentation will be followed by a demonstration.

Language : English

Organizer : C. Parkman / CN

Wednesday 3 April

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Hunting for SUSY in hadronic and leptonic FCNC processes

by Antonio MASIERO / Padova

The presence of SUSY particles yields new contributions to flavour-changing neutral current processes in hadronic and leptonic physics. I discuss the chances of observing some SUSY manifestation in these suppressed processes in view of the bounds on SUSY partners coming from collider physics.

Jeudi 4 avril

PRESENTATION TECHNIQUE CN

09.30–16.30 h – Salle du Conseil*

Nouvelles applications Euclid

par M. CAPPELARE, M. CORVEZ, M. MORIN

Nouvelles applications Euclid : Modeleur adaptatif, Application PDL, Application Sheet Metal Cutting

09.30 – 10.00 *Modélisation adaptative*

10.00 – 11.00 *Démonstration installation générale (PDL)*

Equipements

Classes catalogues

Tuyauterie

Ventilation

11.00 – 12.00 *Modules de CN pour les machines à fil*

14.00 – 14.30 *Démonstration QUICK SOLVER*

14.30 – 16.30 *Bilan d'Euclid au CERN : discussion avec l'ensemble des utilisateurs*

Langue : français

Organisateur : R. Messerli / CN

* Veuillez noter le lieu inhabituel

Monday 8 April*

CN SEMINAR

at 10.30 hrs* – CN Auditorium
bldg 31 / 3-005

Posix standards

by Andrea VINCENZI / DEC

- *What is POSIX : Origins – Scope – Status*
- *Detailed description of some Posix standards*
 - 1003.1 – *system interface*
 - 1003.2 – *shell and utilities*
 - 1003.4 – *real time extensions*
 - Other 1003.x – brief description*
- *Why use Posix – Importing applications – Developing portable applications*

Andrea Vincenzi is the project leader for VMS / Posix.

Please note that at 14.00 hours on the same day, Mr Vincenzi will present a technical description on some work going on inside Digital for a VMS interface to POSIX.

* Please note unusual day & time

Monday 8 April

CN TECHNICAL PRESENTATION

at 14.00 hrs – CN Auditorium
bldg 31 / 3-005

VMS / Posix technical description

by Andrea VINCENZI / DEC

- *General architecture*
 - Integration of two systems*
 - Differences between VMS and UNIX*
- *The file system*
 - Structure of the Posix file system*
 - Basic operations*
 - VIP & UCX*
- *Real time extensions: semaphores, process memory locking, shared memory, priority scheduling, events, timers, IPC, asynchronous I / O, real-time files*

Andrea Vincenzi is the project leader for VMS / Posix. He has been with Digital for three years; before joining Digital he was an independent consultant in the area of Unix internals and open systems applications.

Note : at 10.30 hrs on the same day, Mr Vincenzi will present a description of POSIX and the various POSIX standards.

Language : English

Organizer : A. Silverman / CN

Tuesday 9 April

CN TECHNICAL PRESENTATION

at 14.00 hrs – CN Auditorium
bldg 31 / 3-005

DAZIX USER meeting

Daisy / Cadnetix Corporation (DAZIX), the supplier of one of the digital electronic CAE systems supported at CERN, was acquired by INTERGRAPH on 24 December 1990. The new company, which forms an independent operating unit under the name 'DAZIX, an INTERGRAPH Company', will continue the development and the support of their CAE tools.

During this meeting, DAZIX will present their tools and their plans for the future.

- 14.00 Corporate overview (video, 10 min.).
The tools of today and their integration.
Simultaneous Engineering Environment (SEE). (The framework that works).

Product development : an overview on chip-design, PLDs and PCB-layout tools.

15.00 Discussion.

15.30 DEMO : Simultaneous Engineering Environment (SEE).

Language : English

Organizer : Pierre Baehler / CN

Tuesday 9 April

PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Precision measurements of electroweak parameters in Z decays with the ALEPH detector
by W. D. SCHLATTER / CERN

SERVICE D'APPUI LINGUISTIQUE LINGUISTIC SUPPORT SERVICE

Secrétariat (après-midi seulement) : 3127
Secretariat (afternoons only) : 3127

ANGLAIS – FRANÇAIS

Les inscriptions à ces cours sont ouverte dès maintenant pour le prochain trimestre :

Anglais : 8 avril au 28 juin
Français : 15 avril au 28 juin

Les formulaires d'inscription sont à votre disposition en libre service au bât. 54, au rez-de-chaussée, en face du bureau R-001.

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

Pour toute information, veuillez contacter :

- Mme Benz, tél. 3127, après-midi seulement,
- Professeurs d'anglais, tél. 2957
- Professeurs de français, tél. 3128

ENGLISH – FRENCH

Registration for next term's language courses :

English : 8 April – 28 June
French : 15 April – 28 June

Application forms are available in bldg 54, ground floor, opposite office R-001.

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

For information please contact :

- Mrs Benz, tel. 3127, afternoons only
- English teachers, tel. 2957
- French teachers, tel. 3128

TRAINING AND EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING

Tel. 2844-3674

8, 9 & 10 April

11.00 to 12.00 hrs – Auditorium

Distributed computing

by R. VAN RENESSE / Free University, Amsterdam

This series will start with an introduction to distributed computing systems. Distributed computing paradigms will be presented followed by a discussion on how several important contemporary distributed operating systems use these paradigms. Topics will include processing paradigms, storage paradigms, scalability and robustness. Throughout the course everything will be illustrated by modern distributed systems, notably the Amoeba distributed operating system of the Free University in Amsterdam and the Plan 9 operating system of AT&T Bell Laboratories. Plan 9 is partly designed and implemented by Ken Thompson, the main person behind the successful UNIX operating system.