

Mardi 7 mai

PRESENTATION TECHNIQUE

09.30-12.00 h & 13.30-16.30 h – bât.17/1-007

Philips SA, dpt Science et industrie présente une nouvelle famille d'analyseurs logiques.

Exposé: à 10.00 h, durée 1 heure, répété à 14.30 h

Langue: français

Renseignements: M. Diraison / FI / 4585

Tuesday 7 May

CN PRESENTATION

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

MIPS Computer Architectures

Willi HAAS, Ursula PHILIPP, & Gerard PAYOT / MIPS

MIPS is a leading supplier of RISC technology for the computer systems and embedded control markets. The company licenses its RISC architecture, optimising compilers and system software to its semiconductor and systems partners worldwide. In addition, MIPS manufactures and markets a family of high performance computer systems that range from desktop workstations to deskside and data centre servers, sold through OEMs, VARs and systems integrators. MIPS will present its RISC computer architecture, a complete overview of its computer systems, and a brief preview of the future of its technology.

- MIPS RISC Technology: RISC v. CISC, optimising compilers, operating systems.
- MIPS RISC Architectures: R3000 (CMOS), R6000 (ECL), R4000.
- Why do we need 64 bits? The true story.
- Advanced Computing Environment (ACE).
- MIPS Systems Overview: Desktop workstations, deskside servers, high-end data servers, application software (RISCware).

Organizer : C. Parkman / CN / pmn@cernvm

Tuesday 7 May

PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Asymptotic properties of hadron matter in four-velocity space

by A. M. BALDIN / Joint Institute for Nuclear Research, Dubna

Wednesday 8 May

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

LEP news: tough noodles ahead

by Alvaro DE RUJULA / CERN



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

44.60
eductech@cernvm

TECHNICAL SEMINAR

June 10 14 h.00 - 17 h.30

June 11 9 h.00 - 17 h.30

June 12 9 h.00 - 12 h.30

INTRODUCTION TO COMPOSITE MATERIALS

by Michael G. Bader
University of Surrey - UK
Dpt of Materials Science & Eng.

This seminar is targetted at graduate standard scientists and engineers in the materials using industries but no prior knowledge of composite is assumed. It will run over three days, with four main sessions, in each of which two topics will be addressed. There will be ample provision for questions and discussion. Comprehensive notes will be provided to all participants.

The main emphasis will be on materials with polymeric matrices. Lectures topics are :

- Introduction - Basic concepts of composites.
- Reinforcements - Glass, carbon, aramid and ceramic fibres and particulates.
- Matrices - Thermosets and thermoplastics, polyester, epoxy, high-temperature resins.
- Mechanics of composites - rules of mixtures, stress transfer to fibres, stiffness, strength.
- Mechanical behaviour - Anisotropy, damage processes, damage tolerance.
- Processing & fabrication - review of the principal processes including prepreg, resin transfer, filament winding and pultrusion.
- Metal & ceramic matrix composites - a brief review of materials and applications.
- Principles of design and materials and process selection - a case-study led discussion.

Dead-line for application : May 10, 1991
To be charged to the divisions : CHF 400.-

Those who would like to apply should fill in the application form which has been published in the Technical Training brochure. Copies of this brochure may be obtained from the Divisional Secretariats and the Technical Training Secretariat.

COURS ORACLE

6-7 juin 1991 - 9 h.00 à 17 h.30
De SQL*Forms v2.3 à v3

Ce cours est destiné aux utilisateurs expérimentés de SQL*Forms version 2 et doit leur permettre de convertir leurs applications afin qu'elles deviennent compatibles avec SQL*Forms v3 installé sur VAX/VMS.

Date-limite pour les inscriptions : 10 mai 1991
Contribution financière des divisions : CHF 400,-

10 au 14 juin 1991 - 9 h.00 à 17 h.30
SQL*Forms 3

Ce cours s'adresse aux responsables d'applications ORACLE et couvre les fonctionnalités du générateur d'applications SQL*Forms en version 3 disponible sur VAX/VMS. Il couvre les sujets suivants :

- description de l'outil et création d'une application.
- utilisation, touches de fonction, notion d'application, de bloc, de champs.
- synchronisation, cascades entre blocs, triggers versions 2 et 3.
- intégration et utilisation de PL/SQL.
- options d'exécution, documentation, debug, CRT.

Date-limite pour les inscriptions : 10 mai 1991
Contribution financière des divisions : CHF 1000,-

RAPPEL

Il reste encore quelques places libres pour les séminaires suivants :

- **Traitement du signal**
 - **Outils mathématiques**
27 au 31 mai
 - **Traitement du signal III**
10 au 14 juin
- **Synthèse logique sur réseaux programmables**
 - 12-13-14 juin - 9 h.00 à 12 h.30
 - 19-20-21 juin - 9 h.00 à 12 h.30

Les personnes qui désirent s'inscrire doivent utiliser le bulletin d'inscription figurant dans la brochure de l'Enseignement Technique. Des brochures sont disponibles auprès des Secrétariats de division et de l'Enseignement Technique.

INFORMATIONS
GENERALES
GENERAL INFORMATION

TO ALL MEMBERS OF THE PERSONNEL
Temporary employment

During the period mid-June to mid-September, there will be a limited number of vacancies for temporary employment at CERN (normally unskilled work of a routine nature) which will be made available to children of members of the personnel (that is, anyone with a contract with CERN). It should be noted that candidates must be aged between 18 and 24 inclusive. The duration of all appointments will be four weeks, the payment being SF 1226.- for this period. Each parent who is interested is asked to arrange for Personnel Division to

receive an application from the child in question. Application forms may be obtained from the Fellow and Associates Service (exclusively by using the slip below). **Please do not telephone.** Completed application forms must be returned to this Service by May 3 at the latest. The results of the selection are expected to be available by the end of May.

Fellows and Associates Service
Personnel Division



Please send me an application form 'Temporary posts for children of members of the personnel'.

Name Division