

SEMINARS SEMINAIRES

Lundi 16 février

PRESENTATION TECHNIQUE

de 10.00 à 12.00 h — bât. 73, 2-027

FACOM OUTILLAGE SA (CH/F) présente son catalogue 87 : sélection d'outillage métiers, postes de travail mobiles ou fixes et rangements, douilles, serrage contrôlé, clés à ouverture fixe, serrage à ouverture variable, pinces outillage isolé 1000 V, soudage, testeurs, outils de coupe, de frappe, vissage, mesurage-métronologie-traçage, outils coupants et porte outils, outillage chantier maintenance, extracteurs, pompes, presses et vérins hydrauliques, outillage pneumatique, outillage automobile, intégration des possibilités offertes par les microprocesseurs.

Langue : français

Renseignements : M. Diraison / FI / 4585

Monday 16 February

EP SEMINAR

at 16.30 hrs — Auditorium

Please note change in title

Prototype tests for the U-TMP calorimeter of UA1

by Werner KIENZLE / CERN-EP

- General layout of the new calorimeter
- Warm liquids and why TMP was chosen
- Description of the prototype e.m. calorimeter
- Test runs at the SPS (10-70 GeV)
- Results and conclusions.

Tuesday 17 February

MEETING ON FASTBUS DEVELOPMENTS

at 09.00 hrs — TH Conference Room

1. The read-out system for the ALEPH electromagnetic calorimeter

by I. VIDEAU / Ecole polytechnique, Paris

2. The DELPHI FASTBUS read-out system

by C. STORY / Oxford University

3. The DELPHI barrel electromagnetic calorimeter FLASH ADC based read-out system

by T. MEYER / AMES, University of Iowa

4. Status report on the DSM (Dual Slave Memory)

a) Modifications to specifications
by H. MÜLLER / CERN-EP

b) Status of development
by G. FREMONT / CERN-EP

5. A.O.B.

Mardi 17 février

PRESENTATION TECHNIQUE

de 10.00 à 12.00 h et de 14.00 à 16.00 h

bât. 17, 1-007

COMM-PRODUCTS (CH) et CIA, Computer Informatique Assistance (CH), proposent une démonstration sur le thème 'Graphiques assistés par ordinateurs' : la construction de circuits électroniques et électriques ainsi que le développement de pièces mécaniques.

Matériel utilisé :

- plotter Numonics série 5000
- plotter Numonics série 900
- tables à numériser Numonics 2200
- station de saisie IBM/PC
- clavier générateur de caractères pour symboles chimiques et mathématiques
- logiciel Autocad avec exemple d'application mécanique, électrique et électronique.

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

Tuesday 17 February

Please note unusual day!

DD SEMINAR

at 16.00 hrs — DD Auditorium

bldg 31, 3-005

The Lund Monte Carlo programs — a status report

by Torbjörn SJÖSTRAND / University of Lund, Sweden

An overview is given of the Lund family of event generation programs for different processes. In particular, the recently distributed JETSET version 6.3 and PYTHIA version 4.8 are presented. These programs cover the domains of jet fragmentation and particle decays, electron-positron annihilation events (e.g. at LEP) and hadron-hadron collision events (e.g. at SPS or LHC). Physics assumptions (with emphasis on the new aspects) as well as program structure are covered. A few examples how to run the programs are given.

Wednesday 18 February

PS SEMINAR

at 11.00 hrs — PS Auditorium

bldg 6, 2-024

**Report from the 'International workshop on Hadron Facility Technology'
held at Santa Fe, New Mexico, 2-5 February 1987**

by Horst SCHÖNAUER / CERN-PS

As the title implies, this seminar will be a report from the Hadron Facilities Workshop held recently in the USA. The seminar speaker, amongst other international contributors, participated in the workshop and will elucidate on the current status/plans for hadron facilities in North America and elsewhere.

Wednesday 18 February

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

An important message from the neutral kaon system which was missing

by Dan-di WU / CERN

The exact and rephasing invariant formula for the ϵ parameter goes to infinity when the condition $\text{Re } M_{12}A_0$ $A_0 < 0$ is not satisfied, and leads to $\Delta m \Delta \gamma > 0$, which is ruled out by experiments.

Wednesday 18 February

PRESENTATION

at 14.00 hrs – Auditorium

Presenting Digital Equipment VAXstation 2000, MicroVAX 2000 and Local Area VAXclusters

by Richard STRAUB / Worksystem Marketing Manager, DEC Zurich

Digital introduces the VAXstation 2000 that is a compact, desktop implementation of the VAXstation II. The microVAX 2000 is a compact, desktop implementation of MicroVAX II for up to four users. Local Area VAXclusters allow up to 13 satellite VAXstations and MicroVAXes to be clustered via Ethernet using a VAX or MicroVAX as bootmember. The satellite system can be diskless, the bootmember provides central system management, distributed file sharing and resource management.

Thursday 19 February

PRESENTATION

at 14.00 hrs – DD Auditorium
bldg 31, 3-005

**Surface mounted devices presentation
Promotional video by Siemens**

A twenty minute video illustrating the latest techniques used in surface mounting technology.

Thursday 19 February

PRESENTATION

at 15.00 hrs – Council Chamber

**First volume of the History of CERN –
Launching the European Organization for
Nuclear Research**

1. Welcome by the Director-General
2. Motivation for the History Project
by Paul Levaux / Chairman of the CERN History
Advisory Committee
3. Presentation of the first volume of the History of
CERN
by the Authors and the Publisher
4. Acknowledgement of support for the Study
by the Team Leader
5. Writing a history of CERN
by John Krige
6. Concluding remarks
by Edoardo Amaldi

Thursday 19 February

CERN COLLOQUIUM

at 16.30 hrs – Auditorium*

Neutron spin echo spectroscopy

by F. MEZEI / HMI, Berlin

Using neutron spin Larmor precessions as stopwatches carried by each individual neutron, one can determine the neutron energy change in a scattering process for each individual neutron separately. This is a fundamentally new approach to inelastic thermal neutron scattering, which makes the energy resolution independent of the beam monochromatization. By this unique feature the Neutron Spin Echo method allowed to extend the energy range probed in neutron scattering by some two orders of magnitude. Examples of applications in the field of critical phenomena, glass transition, biophysics, etc., will be presented together with the principles of the method.

* Tea and coffee will be provided at 16.00 hrs.

Friday 20 February

MEETINGS ON

PARTICLE PHYSICS PHENOMENOLOGY

at 11.00 hrs – TH Conference Room

Negative binomial multiplicity distribution

by L. VAN HOVE / CERN

Friday 27 February

Please note the unusual day!

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Recent results in upsilon with CUSB-II

by P. FRANZINI / Columbia University

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

ENSEIGNEMENT GENERAL

Tél. 2844

Jeu di 19 février

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS