

SEMINARS SEMINAIRES

EF AUTUMN SEMINARS 1989

EF Division is organizing a new series of seminars to take place this autumn.

Preliminary programme :

16 octobre	Techniques du blindage et mise à la masse*	Fabio FORMENTI / CERN-EP
23 October	LEP – An overview	Albert HOFMANN / CERN-LEP
30 October	Radiation damage studies of plastic scintillators and plastic scintillating fibres	Stan MAJEWSKI / Univ. of Florida, Gainesville
6 November	The DELPHI TPC : construction, working parameters, performance, and first results	Dimitri DELIKARIS / CERN-EF
13 November	The ALEPH TPC gas system	Ivan LEHRAUS / CERN-EF
20 November	The high density projection calorimeter of DELPHI – Status and operational experience at LEP	Ariella CATTAI / CERN-EF
27 novembre	Introduction aux standards modernes d'acquisition des données*	François BOURGEOIS / CERN-EF
4 December	LEP 200 GeV/c : Superconducting cavities on the way	Enrico CHIAVERI / CERN-EF
11 décembre	ASICs pour les expériences au CERN*	Pierre JARRON / CERN-EF

Unless otherwise indicated, the seminars will take place on Mondays from 11.00 to 12.00 hrs in the EF Conference Room, bldg 13, 2-005. (The talks marked with a * are EF Electronics Seminars.)

An abstract of each seminar as well as any change to the above information will be published in the CERN Bulletin before each seminar.

Tuesday 3 October

MEETING ON FASTBUS DEVELOPMENTS

at 09.00 hrs – TH Conference Room

1. *FASTBUS developments at PSI*
by W. Schoeps / PSI Villigen (CH)
2. *The read-out system of the ALEPH minivertex detector*
by H.G. Moser / MPI München
3. *The read-out controllers in the DELPHI HPC electronics*
by T. Camporesi / CERN
4. *The read-out electronics for the DELPHI Si-strip microvertex detector*
by J.P. Vanuxem / CERN

SEMINAIRES EF D'AUTOMNE 1989

Cet automne, la division EF organise une nouvelle série de séminaires.

Programme préliminaire :

Sauf avis contraire, les séminaires auront lieu le lundi de 11.00 à 12.00 h dans la Salle de Conférence EF, bât. 13, 2-005. (Ceux marqués d'un * sont des Séminaires EF en Electronique.)

Un résumé pour chaque séminaire, ainsi que les changements éventuels apportés aux informations ci-dessus, seront publiés dans le Bulletin avant chaque séminaire.

Tuesday 3 October

TECHNICAL PRESENTATION

09.00 to 12.30 hrs & 13.10 to 17.00 hrs
bldg 6, 2-004

ASICs Seminar – ES2 (D), Open Day

European Silicon Structures (ES2) is a European semi-conductor manufacturer focussed on the design and manufacturing of Application Specific Integrated Circuits (ASICs) and dedicated to prototyping and low volume manufacturing of ASICs. The following will be in attendance. You determine which topics you will discuss and with whom. Will be present : Mr Riedlberger / ASI Design Manager, Mr Berger and Mr Sperling / ASIC Project Leaders, Mr

Kroff / Product Marketing Manager, Mr Lederer / Sales Manager Central Europe, Mr Voortmann / Sales Manager Austria/Switzerland.

Agenda

- 09.00-10.00 presentation of ES2 ASIC products, tools and services
10.00-12.30 demonstration of tools, one-to-one or group discussions
13.30-17.00 same programme.

Hard-/Software

SOLO 1400, ASIC CAD tool for system engineers with digital and analog functions plus silicon compiler for RAM/ROM/PLA/etc. SOLO 2000, ASIC CAD VLSI tool for ASIC specialists. The system covers the range from standard cell, silicon compiler to full custom.

Language : English

Information : M. Diraison / FI / 4585

Wednesday 4 October

TECHNICAL PRESENTATION

09.00 to 12.00 hrs – EF Conference Room
bldg 13, 2-005

**Harris Semiconductor (USA), represented by
BASIX für Elektronik AG (CH), will introduce
their new Real Time Express Microcontroller
RTX 2000**

RTX, a new concept for real time control – RTX 2000 solution to embedded Real – Time control system – Application examples – Harris RTX versus alternate solutions – Programming languages – Development environments – The RTX Family of products.

Language : English

Informations : M. Diraison / FI / 4585

Wednesday 4 October

LEP MACHINE ADVISORY COMMITTEE

at 14.00 hrs – LEP Auditorium

Open session

- 14.00 Completion of the LEP Project
by E. Picasso
14.30 LEP commissioning
by A. Hofmann & S. Myers
15.45 Physics from LEP
by J.J. Thresher
16.30 Future strategies for LEP
by C. Rubbia

Closed session

Thursday 5 October
at 09.30 hrs – DG Conference Room
6th floor, Main Building

Wednesday 4 October

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

On the origin of chiral Lagrangians

by John DONOGHUE / CERN

Chiral symmetry allows a rigorous perturbation treatment of very low energy QCD. The symmetry relations are encoded in an effective non-linear sigma model Lagrangian. I will review what is known phenomenologically about the effective Lagrangian, and discuss attempts to understand its origin in QCD. At the end, an application will be mentioned using these ideas as a possible means of differentiating among weak interaction symmetry breaking schemes, using WW scattering.

Wednesday 4 October

PRESENTATION

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

System ADA support environment

by Leon TREFF & Kurt WEY / Systeam KG

There will be a presentation of the Systeam Ada programming support environment for :

- VAX/VMS
- MC68020 Bare Machine
- Sun-3

Monday 9 October

EP SEMINAR

at 16.30 hrs – Auditorium

A fixed-target experiment to study CP-violation in B-meson decay

by V. D. KEKELIDZE / University of Tbilisi, USSR

A letter of intent to study CP-violation in B-meson decay at 3 TeV by a Soviet collaboration is being examined at the new Super High Energy Laboratory of JINR, Dubna before its presentation to the UNK experimental committee. The decay $B^0 \rightarrow J/\psi + K^0$ has been studied. The difficulty arising from the unequal production of B and $\bar{B}$ in pp collision would be solved by independently measuring the asymmetry for B-meson decay into $J/\psi + K_s^0$ and $J/\psi + K_L^0$. No vertex detector is necessary and this allows the experiment to be run at a high interaction rate. The possibility of starting work at CERN in the high-intensity ECN3 Hall is now being explored.

Wednesday 11 October

PS SEMINAR

at 11.00 hrs – PS Auditorium, bldg 6, 2-024

**New techniques of acceleration :
from CLIC (CERN Linear Collider)
to CTF (CLIC Test Facility)**

by Y. BACONNIER / CERN-PS

Thursday 12 October

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

The concept of mass

by L. OKUN / ITEP

Friday 13 October

PRESENTATION

10.00 to 12.00 hrs – DD Auditorium
bldg 31, 3-005

New OS-9 products

by Kim KEMPF / Microware USA

INFORMATIONS GENERALES GENERAL INFORMATION

RAPPEL

APPELS TELEPHONIQUE PRIVES

Les opératrices du central téléphonique étant dans l'obligation de répondre à deux standards (Hasler et STK) et vu le nombre croissant d'appels pour l'extérieur, il ne leur sera plus possible, jusqu'à nouvel avis, de prendre en considération les demandes d'appels téléphoniques privés.

Nous vous rappelons que des cabines publiques à pièces et à carte sont installées dans plusieurs bâtiments et qu'elles sont disponibles à tout moment. Les PTT suisses qui se trouvent au bâtiment principal et au Restaurant No 2 ont plusieurs cabines téléphoniques. Les PTT français qui se trouvent au bâtiment 866 sur le site de Prévessin ont également des cabines téléphoniques.

Nous vous remercions de votre compréhension.

Section Téléphones et Télex
Division DD

PERDU...

... une paire de lunettes de vue teintées, marque Carrera, dans un étui vert Lacoste.

La personne qui l'aurait trouvée peut me contacter au bip 13/2070. D'avance, je la remercie.

B. Trincat

REMINDER

PRIVATE TELEPHONE CALLS

As the telephone operators are having to work on two telephone exchanges (Hasler and STK) and due to the increasing number of external calls they are requested to make, it will no longer be possible for them to make operator-connected private calls until further notice.

We would like to remind you that coin- and card-operated public phones are installed in several buildings and are available at any time. The Swiss PTT offices in the Main Building and in Restaurant No 2 have several public pay-phones. The French PTT in building 866 on the Prévessin site also has public pay-phones.

Thank you for your cooperation.

Telephone et Telex Section
DD Division

MIS-OCS

Presentation of new Apple products

A presentation of Apple's Multimedia products and of the latest hardware (portable Macintosh & Mac IICI) will take place in the LEP Auditorium (bldg 30) at 16.00 hrs on Thursday 5 October.