

COMMUNICATIONS OFFICIELLES

Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après.

OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading

COMITÉ DE GESTION DE LA CAISSE D'ASSURANCES DU CERN

Tous les membres et bénéficiaires de la Caisse d'Assurances sont invités à la

Séance plénière annuelle

qui se tiendra

à l'Amphithéâtre du CERN
le mercredi 5 octobre à 16.00 h

L'ordre du jour sera le suivant :

1. Rapport Annuel 1982
(des exemplaires de ce rapport peuvent être obtenus auprès des secrétariats de division)
2. Revue de la situation actuelle et des travaux en cours :
 - modifications de la structure administrative;
 - stabilité du Fonds;
 - garanties;
 - quatrième échelon du Régime de compléments de pensions et d'allocations.
3. Questions des membres ou bénéficiaires*.

* Les personnes désirant poser une question sont invitées à adresser celle-ci, dans la mesure du possible, par écrit, avant la séance, à M. G. Ullmann, Administrateur de la Caisse.

G. Ullmann
P.C.P. Mollet

C.J. Zilverschoon

MANAGEMENT BOARD OF THE CERN STAFF INSURANCE SCHEME

All members and beneficiaries of the Staff Insurance Scheme are invited to attend the

Annual plenary meeting

to be held

in the CERN Auditorium
on Wednesday 5 October at 16.00 hrs.

The Agenda comprises :

1. Annual Report 1982 (copies available at Division Secretariats)
2. Review of the present situation and work in progress :
 - modifications in the administrative structure;
 - stability of the Fund;
 - guarantees;
 - fourth step in the Scheme of complementary pensions and allowances
3. Questions from the members or beneficiaries*.

* Persons who wish to ask questions are encouraged to do so, where possible, in advance, in writing, addressed to Mr G. Ullmann, Manager of the Staff Insurance Scheme.

SEMINARS SEMINAIRES

Monday 3 October

EF SEMINAR

at 11.00 hrs – EF Conf. room (bldg. 13, 2-005)

TPC 1983 – A review after TPC workshop
at Vancouver

by I. LEHRAUS / CERN-EF

Monday 3 October

EP SEMINAR

at 17.00 hrs – Auditorium

BaF₂ coupled to a low pressure wire chamber :
more than a calorimeter

by D.F. ANDERSON / CERN-EP and
Fermilab

The scintillator BaF₂ has been coupled to a photosensitive, wire chamber. This yields an instrument of high rate

capability with high energy, spatial and timing resolution. BaF₂, with a radiation length of 21 mm, and a decay constant of only 0.6 n.sec offers an outstanding instrument for EM Calorimetry in high energy and meson physics. The possible use of BaF₂ as a high resolution hadron calorimeter will also be discussed.

Thursday 6 October

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

KAMIOKA nucleon decay experiment

by M. KOSHIBA / LICEPP and Department of
Physics, University of Tokyo

A 3000 ton water Čerenkov detector for nucleon decay is in operation since July 6, 1983, 1000 m underground in KAMIOKA Mine, ca. 300 km west of Tokyo. The detector is equipped with 1000 photomultipliers of large photocathode, 20 in diameter. The performance of the detector and the results of the first 9 weeks of operation will be reported.

* Tea and coffee will be provided at 16.00 hrs.

SEMINAIRES EF D'AUTOMNE 1983

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

Programme préliminaire :

EF AUTUMN SEMINARS 1983

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

Preliminary programme :

3 octobre	TPC 1983 – A review after TPC workshop at Vancouver by I. LEHRAUS / CERN-EF	3 October
10 octobre	Fast digitization of drift chamber signals with flash ADC by R. RICHTER / M.P.I. Munich	10 October
17 octobre	FASTBUS for Physics by H. FOETH / CERN-EF	17 October
24 octobre	Les bosons intermédiaires (1) par Ch. PEYROU	24 October
31 octobre	Les bosons intermédiaires (2) par Ch. PEYROU	31 October
7 novembre	(Topic to be defined) by D.O. WILLIAMS / CERN-DD	7 November
14 novembre	OMEGA à 450 GeV par W. BEUSCH / CERN-EF	14 November
21 novembre	Microstrip silicon detector at WA75 experiment by F. PIUZ / CERN-EF	21 November
28 novembre	Calorimetry with liquids by J. ENGLER / Karlsruhe	28 November

Les séminaires auront lieu le lundi de 11h00 h à 12h00 dans la Salle de Conférence EF, bât. 13, 2-005.

The seminars will take place on Mondays from 11.00 hrs to 12.00 hrs in the EF Conference Room, bldg. 13, 2-005.

Monday 10 October

EF SEMINAR

at 11.00 hrs – EF Conf. Room (bldg. 13, 2-005)

**Fast digitization of drift chamber signals
with flash ADC**

by R. RICHTER / M.P.I. Munich

Tuesday 11 October

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

**Nuclear fusion – Present status and strategy
for future development**

by K. PINKAU / Max-Planck-Institut für
Plasmaphysik, Garching

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

INFORMATICS TUTORIAL 1983-2

Lecturer

Anne-Lene GROLL / Institut für Informatik,
ETH Zurich

Subject

PROGRAMMING IN MODULA-2

Time

18 to 21 October 1983,
09.00 to 12.00 and 14.00 to 17.00 hrs

Goal

MODULA-2 is a programming language designed by N. Wirth at ETHZ. The language combines a PASCAL-like syntax with separate compilation, support of real-time features and the ability to program at the machine level. The tutorial is intended for people familiar with high-level language programming (e.g. FORTRAN or PASCAL) who wish to gain a working knowledge of structured programming in MODULA-2, in particular for real-time applications.

Topics

1. History and ideas behind MODULA-2
2. Language features
3. Program organization through the use of MODULEs
4. Separate compilation
5. Coroutines, interrupts.

Course profile

Lectures will be given in the morning sessions, and the afternoons will be devoted to hands-on experience using MODULA personal workstations, kindly made available by DISER S.A.

Mercredi 12 octobre

REUNION OUVERTE DU LEP

à 14.30 h – Auditorium du LEP
(dernier étage du bât. 30)

1. **Avancement du projet**
par E. PICASSO
2. **Le système vide de l'anneau principal**
par le Groupe Vide

Wednesday 12 October

DD SEMINAR

at 16.00 hrs – DD Amphitheatre (bldg. 31, 3rd fl.)

FASTBUS Software at CERN

by E.M. RIMMER

Thursday 13 October

ISOLDE SEMINAR

at 10.30 hrs – SC Conf. Room (bldg. 26, 1-025)

**The atomic electron : an alternative to
accelerator nuclear studies**

by H. Henry STROKE / New York University
and CERN

Material

Participants will receive a copy of the book 'PROGRAMMING IN MODULA-2' by N. Wirth, a copy of the transparencies used for the lectures, and material for the exercises.

Registration

The attendance will be limited to 20. Priority will be given to applicants intending to use MODULA-2 for future projects. If necessary the course will be repeated. For more information and to register, contact Mrs Monique Antal, DD Division, phone 2396.

Anne-Lene GROLL is Research Assistant at the Institut für Informatik of the ETHZ. She graduated in Computer Science from the University of Bonn in 1981 and has been with ETHZ since January 1982, involved in a communication project. She has participated since summer 1983 in a MODULA compiler development. Her research interests include operating systems, programming languages and the theory of programming.

ENSEIGNEMENT GÉNÉRAL Tél. 2844

Jeudi 6 octobre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous –

par R. CARRERAS

Prochaine séance : jeudi 27 octobre.