

La nourriture sera-t-elle différente?

- En ce qui concerne les repas chauds, la différence consistera à ne plus dresser les assiettes à l'avance : on attendra que le client soit devant nous pour le servir (assiette plus chaude et conforme au désir du client).
- Nous travaillerons avec des bacs beaucoup moins profonds (ce qui est important pour la présentation) et il y aura davantage de points de distributions.
- Un effort particulier sera fait pour le petit déjeuner. Une partie des buffets sera réservée à sa mise en place, considérablement améliorée par l'apport de yaourts et de salades de fruits en self, ainsi que par un choix de viennoiseries plus important.

Quand les travaux seront-ils terminés?

- La première chose qu'il faut noter, c'est que les chaînes actuelles vont reprendre un service normal à partir du 11 avril. C'est-à-dire que le restaurant sera ouvert le soir jusqu'à une heure du matin ainsi que le weekend. Quant au nouveau restaurant, tous les nouveaux services seront dévoilés d'un seul coup fin mai.

Depuis le début de 1994, M. Nallet et son équipe ont continué à assurer dans des conditions très difficiles un service minimum au Restaurant N°1. Le CERN aimerait remercier la COOP de ses excellentes prestations au cours des années et l'ensemble du personnel se réjouit du rôle capital que le nouveau restaurant jouera dans la vie du Laboratoire, car comme chacun le sait "Une armée ne se bat pas le ventre creux".

Is the style of food going to change?

- The difference with regard to hot meals is that the plates will not be made up in advance. We shall wait until the customer is standing in front of us and then serve him, giving him his own choice of meal served properly hot.
- We shall also be using much shallower containers, which will improve the presentation, and there will be many more distribution points.
- A special effort will be made with breakfasts. Some of the buffets will be set aside for serving them and will be greatly improved by a choice of self-service yoghourts and fruit salads and a wider selection of pastries.

When is it all going to be finished?

- The first thing to note is that the present system will resume normal service from 11 April; in other words the restaurant will be open until one o'clock in the morning and at weekends. As for the new restaurant, all the new services will be launched together at the end of May.

Since the beginning of 1994 Monsieur Nallet and his team have continued to give an emergency service in Restaurant No 1 in the most difficult conditions. CERN would like to thank the COOP for the excellent service they have provided over the years and we all look forward to the vital role the new restaurant will play in the life of the Laboratory, for as we all know "An army marches on its stomach".

SEMINARS SEMINAIRES

Monday 11 April

PPE SEMINAR

at 16.30 hrs – Auditorium

Improved measurement of LEP luminosity in L3

by Marcel MERK / Carnegie Mellon University

One of the limiting factors on the determination of the mass and width of the Z boson is the precision of the luminosity measurement. The L3 experiment has installed a silicon tracker in front of a BGO crystal calorimeter to allow a more precise measurement. The calorimeter is used to identify showers from Bhabha events. The silicon tracker determines the impact point of the electron or positron. The performance of this setup will be discussed. A precise knowledge of the geometry of the silicon tracker allows an accurate determination of the fiducial volume used to detect Bhabha events. The high detector granularity leads to a reduced error assigned to the event selection. Together they give rise to an improved measurement of the luminosity. Preliminary results of a more precise measurement of the mass and the width of the Z boson using the 1993 data will be presented.

Tuesday 12 April

CERN COLLOQUIUM

Talk given on the occasion of a celebration of
T.T. Wu's 60th birthday

at 16.30 hrs – Auditorium*

T.T. Wu – The most focused and persevering physicist
I know

by C.N. YANG / Institute for Theoretical Physics, State
University of New York Stony Brook

* Tea & coffee will be served at 16.00 hrs.

Wednesday 13 April

PS SEMINAR

at 11.00 hrs – PS Auditorium

Fermilab accelerator performance
in the current collider run

by Michael CHURCH / Fermilab, USA

Recent improvements to the Fermilab accelerator complex have been aimed at increasing collider luminosity in order to improve the sensitivity in the search for the top quark. Most important in this respect is the 400 MeV/94–4.494 Linac. These upgrades will be discussed and recent machine performance reviewed, with some emphasis on the Antiproton Source. Plans for future accelerator improvements will also be discussed.

Wednesday 13 April

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

A new meaning of the Schrödinger wave function

by Y. AHARONOV / INR, Moscow

Thursday 14 April

PRESENTATION

at 09.00 hrs – CN Auditorium

bldg 31/3-005

Alpha AXP in Realtime & Embedded Applications

by DIGITAL

DIGITAL will present its strategy and product offering for the real-time and embedded application development. The presentation will cover the following areas:-

- Chips : the 21064, 21066, 21068 (CPUs), 21050 (PCI-PCI bridge), 21040 (PCI-ETHERnet controller), 21030 (PCI graphics controller), and future products preview.
- Boards : PC and WS motherboards, VME boards and evaluation boards, based on Alpha AXP.
- Buses : PCI, VME
- Real time operating systems : OSF/1 with real time extensions, VxWorks for Alpha AXP, Windows NT.
- Development tools : OSF/1, DEC FUSE/CohesionworX.
- Middleware : DECmessageQ, Objectbroker (CORBA).

All these products are designed to work together, thus easing the job of designing a system and making your application faster than ever. All components are available at any level of integration. The adherence to the most widespread standards makes interfacing to other vendors' solutions easy.

Jeudi 14 avril*

SEMINAIRE MT

à 09.00 h – Amphithéâtre AT

bât. 30, 7^e étage

Composants et fonctions principales des accélérateurs

Séparateurs

par W. KALBREIER / CERN-SL

* Veuillez noter le changement de date

Friday 15 April

AC SEMINAR

10.30-12.30 hrs – Auditorium AT

bldg 30, 7th floor

Design and implementation of the Survey Database using ORACLE*CASE

by Tapan BHATTACHARJEE & Dominique MISSIAEN / CERN-AT

The Survey Database is used for the survey and alignment of the components for most of the CERN accelerators and beam transport lines. The concept of the current database is based on an already existing one and it has been designed and implemented using ORACLE*CASE tools. In this presentation, the developers will share their experiences on the initial planning, the choice of the platform, the design and implementation stages and the transition from the old database to the new one. Throughout the development, ORACLE*CASE tools were effectively used to follow the CASE methodology.

The presentation will highlight the benefits of the CASE method with particular reference to ORACLE*CASE tools and its possible limitations.

Friday 15 April

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Invisibly decaying Higgs particle search at LEP and LHC

by D.P. ROY / T.I.F.R. Bombay & CERN-TH

The Higgs particle can have a dominantly invisible decay in a large class of Majoron models as well as some SUSY models. After a brief introduction to the Higgs mechanism and Majoron models I shall present the LEP signature and the resulting mass limit of a Higgs particle undergoing invisible decay. I shall also discuss the signature and the discovery limit of such a Higgs particle at LHC.

Lundi 18 avril

PRESENTATION TECHNIQUE

09.00-12.00 h – parking près du bâtiment 63

Bus de démonstration instrumentation électronique et contrôle industriel

de Toellner, Hameg et Siemens (D), représentés par Logotron (CH)

Instruments électroniques de mesure en laboratoire et de contrôle industriel, générateurs de fonction, compteurs de fréquence, alimentations stabilisées, oscilloscopes, multimètres et enregistreurs multicanaux de la dernière génération.

Langues : allemand, anglais, français

Renseignement : M. Diraison / FI-A /4585

Monday 18 April

PPE SEMINAR

at 16.30 hrs – Auditorium

A direct measurement of the left-right asymmetry for heavy quarks at SLD using Zs produced with polarized electrons

by David WILLIAMS / MIT

Presented is a direct measurement of the left-right asymmetry for b and c quarks made by the SLD collaboration using Zs produced by SLC with positrons and polarized electrons. The left-right asymmetry of b quarks is extracted from the left-right forward-backward asymmetry of b flavored events (also known as the improved forward-backward asymmetry), measured by two methods: (1) Using high total and transverse momentum muons and electrons, and (2) using the jet charge of b flavor events tagged with a vertex detector. Method (1) is also used to measure the left-right asymmetry of c quarks.

Tuesday 19 April

PRESENTATION*

at 10.00 hrs – CN Auditorium

bldg 31/3-005

New SUN Workstations

by Philippe HOFMANN & Jean-Luc BOCQUET / SUN Switzerland

* NOTE : This presentation will be given in FRENCH.

Wednesday 20 April**PS SEMINAR**

at 11.00 hrs – PS Auditorium

CERN contributions to the Esprit-II Project Archon*

by Paul SKAREK & Laszlo Z. VARGA / CERN-PS

ARCHON is an ESPRIT-II project and the acronym of ARchitecture for Cooperative Heterogeneous ON-line systems. The role of CERN consisted of investigating the application of the ARCHON methodology to the control of accelerators and of the CERN PS in particular in the domain of tests and validation. The project resulted in an integration software package which combines present or future large systems like control systems, databases, and expert systems in an efficient multi-agent overall system.

A short video produced by the ARCHON consortium will be presented.

* ARCHON is a Trademark of ATLAS ELEKTRONIK, Germany.

Jeudi 21 avril**PRESENTATION TECHNIQUE**

09.00 - 12.00 h – Amphithéâtre CN

bât. 31/3-005

GESPAC (CH) et les automatismes distribués

Remise à niveau sur les produits existants : G-64 et temps réel, PC industriel – Démonstration de l'avance technologique de GESPAC dans le domaine des réseaux de terrains : modules Bitbus, modules FIP, systèmes distribués – GDS.

Langues : anglais, français

Renseignements : M. Diraison / FI-A / 4585

Friday 22 April**TECHNICAL PRESENTATION**

14.30-16.00 hrs – Council Chamber

General capabilities in Polyimide Films

by Wayne MARSH / High Performance Films R&D Manager, DuPont Films (USA)

Language : English

Information : M. Diraison / FI-A / 4585

EDUCATION SERVICES EDUCATIFS

1993 – 1994 ACADEMIC TRAINING PROGRAMME**LECTURE SERIES****3rd TERM***1 April to 30 June***Date to be fixed**

11.00 to 12.00 hrs – Auditorium

New development in quantum mechanics

by Y. AHARONOV / Tel Aviv University, Israel

13, 14, 15, 16 & 17 June

11.00 to 12.00 hrs – Auditorium

Accelerators and energy production

by C. RUBBIA / CERN-AT

The lectures are open to all those interested, without application.

The abstract of the lectures, as well as any change to the above information (dates, title, time, place, etc.) will be published in the CERN Bulletin and by Notices before each Term and for each series of lectures.