

L'examen des contrats de durée indéterminée devrait lui aussi être terminé à cette même date; les représentants de l'Association du personnel ont exprimé l'espoir que toutes les personnes ayant fait l'objet d'une recommandation positive recevraient leur contrat de durée indéterminée sans retard.

Le rapport annuel du Service médical a été discuté et le Comité a convenu que la durée maximale du travail spécifiée dans les Statut et Règlement du personnel devait être respectée par tous les membres du personnel pour réduire la tension nerveuse et améliorer la santé de ces derniers. Il a été convenu également de demander à la Section Sécurité générale de TIS d'analyser les méthodes et conditions de travail des personnes travaillant sur des terminaux à écran et de présenter un rapport à une future réunion du Comité.

La prochaine réunion du Comité aura lieu le 25 juin 1991.

SEMINARS SEMINAIRES

Monday 24 June

PS/HI LECTURE SERIES

at 14.30 hrs – PS Conference Room
bldg 6, 2-024

Plasma physics concepts : equation of motion with non-linearities

by Heinrich HORA / CERN-PS

Monday 24 June

PPE SEMINAR

at 16.30 hrs – Auditorium

A study of Bose-Einstein correlations with the ALEPH detector

by S. HAYWOOD / CERN-PPE

Bose-Einstein correlations between identical bosons reveal information on the nature of the source of these particles in high energy collisions. Using 80,000 hadronic decays of the Z in the ALEPH Detector, we have compared our observations with various models. In the rest-frame of pion pairs, we observe a source which is consistent with being spherical and of a radius of approximately 0.65 fm. However, we find that there are significant systematic uncertainties, and these will be discussed.

Tuesday 25 June

DETECTOR R & D COMMITTEE

Open session

at 09.00 hrs – Auditorium

The Annual Report of the Medical Service was discussed, and the Committee agreed that the maximum working hours specified in the Staff Rules and Regulations should be respected by all members of the personnel, to reduce stress and improve the health of the staff. It was also agreed that the General Safety Section in TIS should be asked to review the procedures and conditions for those working on screen terminals, and report to a future meeting of the Committee.

The next meeting of the Committee will take place on 25 June 1991.

1. *Introductory remarks.*
2. *Proposal P28: 'R & D for collider beauty physics at the LHC' (UCLA-CERN-Inst. of Nuclear Physics, Cracow-MPI Heidelberg-Lausanne-Massachusetts-Nevis Lab., Columbia-IHEP Serpukhov-Yale-Rudjer Boskovic Inst., Zagreb; DRDC 91-18/P28; P. Schlein).*
3. *RD-3 Status Report: 'Hadronic and electromagnetic liquid argon LHC prototype calorimeter with pointing geometry' (LAPP, Annecy-BNL-CERN-DPhPe CEN Saclay-Univ. and INFN Milano-LAL, Orsay-Manne Siegbahn Inst., Stockholm; DRDC 91-21/P5 Add. 1; D. Fournier).*

Closed session

Tuesday 25 June (following the Open session)
and Wednesday 26 June
starting at 09.00 hrs in the 6th floor Conference Room, Admin. Building.

Tuesday 25 June

AS SEMINAR

at 16.00 hrs – Technical training Auditorium
bldg 593

Is there a hyper silver bullet?

by Sebastian RATZ / Department of Electronics
and Computing, University of Southampton

The attractive ideas behind hypertext have generated a great deal of research both inside and outside the world of computer science but much of the work undertaken so far has been concerned with creating hypertext interfaces that allow an author to initiate documents in a hypertext format,

incorporating buttons and links in the ways permitted by the particular hypertext system. This work is of fundamental importance to our understanding of hypertext systems and the nature of the structures they allow us to create. It is also vital, however, that hypertext systems provide interfaces to existing text-processing systems so that documents created in this way can easily and perhaps automatically be incorporated into a hypertext format. This talk explores some of the possibilities and pitfalls of trying to marry hypertext research with the equally important world of structured markup and document standards like SGML, trying to create a single system for future needs.

Language : English

Tuesday 25 June

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

The SLAC B-factory project

by Jonathan DORFAN / SLAC

* Tea & coffee will be served at 16.00 hrs.

Wednesday 26 June

PS SEMINAR

at 11.00 hrs – PS Auditorium

bldg 6/2-024

ECR ion plasma accelerator : the project status

by R. GELLER & K. GOLOVANIVSKY / Centre d'Etudes Nucléaires, Grenoble, France

ECRIPAC (ECR Ion Plasma Accelerator) is a new ECR plasma device which is dedicated to produce accelerated heavy ion bunches. An ECRIPAC is composed of three sections : a MAFIOS section producing high Z/A ECR plasma, a GYRAC-C section energizing and compressing high Z/A plasma, and PLEIADE section transferring the electron energy to the ions. A preliminary project of a compact ECRIPAC device which is expected to provide heavy ion bunches with energy variable between 10 MeV/u and 500 MeV/u will be discussed.

Wednesday 26 June

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference room

Are there strong electroweak interactions at high energies?

by A. RINGWALD / CERN, A. MUELLER / Columbia & V. RUBAKOV / INR, Moscow

A status report will be presented to non-experts on the arguments raging within the ongoing Calculationshop on Strong Non-Perturbative Electroweak Interactions.

Wednesday 26 June*

PRESENTATION

at 14.00 hrs* – CN Auditorium

bldg 31/3-005

Oracle toolkit – a new GUI standard

by Ash MUNSHI / Oracle Corporation, US,

Director of Application Builder Development

A unique new product offering from Oracle Corporation will be demonstrated. This new product is the Adaptable User Interface Kit. Its purpose is to provide one call level interface, along with a resource manager and editor across all GUI 'standards' including support for character mode and block mode devices. This new toolkit is independent of Oracle and will be used as the basis of all Oracle's development tools. Using the AUI kit the programmer need write the user interface portion of his/her application only once and may deploy it on any GUI without sacrificing native look and feel! The resultant application is indistinguishable from an application written on the native toolkit and introduces little runtime and memory overheads. In addition, the resource editor greatly simplifies the layout of the user interface by allowing WYSIWYG layout.

Ash Munshi will demonstrate the new Oracle User Interface using a Sun workstation, a Macintosh and a PC all connected to the Sony projector in the Auditorium

Organizer : Sverre Jarpe / CN, sverre@cernvm

* Please note the unusual time and day

Mercredi 26 juin

PRESENTATION TECHNIQUE

à 14.00 h – bât. 73/2-027*

Data acquisition & DSP

par Chris TIEFENTHALER / TRW LSI Munich

Séminaire proposé par Stolz SA (CH), représentant TRW LSI Products Inc. (USA/D) :

- A/D & D/A converters
- Linear products -Advanced arithmetic products
- Correlators -Transform products (FFT Controller fast cos transf.)
- Fixed-point multipliers-accumulators
- Memory/storage products.

Langue: français

Renseignements: M. Diraison / FI / 4585

* Veuillez noter le changement de lieu

Wednesday 26 June

CERN COMPUTING COLLOQUIUM

at 16.30 hrs – Auditorium*

How to protect your freedom to write software

by Richard STALLMAN / MIT

New monopolies threaten the freedom of programmers to continue doing their work. Copyrighted interfaces prohibit supporting the commands users know and expect. Patented algorithms and techniques make each design decision carry the risk of a lawsuit. Formerly limited to the US and a few other countries, these problems now threaten to spread to the rest of the world. Recently the European Community passed a law that seems to make even data formats, protocols and programming languages subject to copyright. The speaker will tell us how these monopolies originated in the US, how

they are being pressed on other countries, and why they are bad for computer users and programmers. He will then suggest what you can do to prevent them in your country.

Richard Stallman is well known in Computer Science for having developed the extensible editor, Emacs, while working at the MIT Artificial Intelligence lab between 1971 and 1984, and for which he received the ACM Grace Hopper Award in 1990. Today he is working to develop the free UNIX-compatible software system known as GNU. He is one of the founders of the League for Programming Freedom, a grassroots organization of computer programmers and users.

* Tea & coffee will be served at 16.00 hrs.

Jeudi 27 juin

PRESENTATION TECHNIQUE

de 10.00 à 16.00 h – bât.73/2-027

Tektronix International AG (USA/NL/CH) propose en démonstration : une nouvelle gamme d'oscilloscopes numériques à haute performance, un nouveau réflectomètre fibre optique, un nouvel analyseur de spectre à haute performance et à bas prix, un analyseur de spectre 10 Hz à 33 GHz, un nouvel oscilloscope/analyseur de signaux 3 GHz, un oscilloscope d'échantillonnage et réflectomètre 50 GHz.

Langues : allemand, anglais, français.

Renseignements : M. Diraison / FI / 4585

Thursday 27 June

PS/HI LECTURE SERIES

at 16.00 hrs – TCL Conference Room
bldg 17, 1-007

Plasma physics concepts : non-linear forces and instabilities

by Heinrich HORA / CERN-PS

Friday 28 June

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference room

Hadroproduction of J/ψ at large p_T

by R.V. GAVAI / Tata Institute, Bombay

Inspired by the NA38 observation of a characteristic p_T -dependent suppression pattern of the J/ψ cross section, predicted earlier by models assuming quark-gluon plasma formation in heavy-ion (AA) collisions, we computed J/ψ production at large p_T in pp , πp , πA and AA collisions at energies relevant to the NA38 experiment. We use the parton fusion model of perturbative QCD and a simple hadronization model. Comparison of our results with the existing experimental data allows us to test our ingredients, which we then use to learn about J/ψ production in AA collisions. We argue that identification of quark-gluon plasma by p_T -dependent J/ψ suppression is a fully quantitative task, as its qualitative features are present in our results as well.

Monday 1 July

PS/HI LECTURE SERIES

at 11.00 hrs – PS Conference Room
bldg 6, 2-024

Plasma physics concepts : Genuine two fluid model

by Heinrich HORA / CERN-PS

Lundi 1 juillet

SEMINAIRE AC

à 11.00 h – Amphithéâtre

Le projet LHC : état et perspectives

par G. BRIANTI / CERN-AC/DI

Une information complète sera donnée sur l'état d'avancement des études pour tout le projet et en particulier sur celui du programme de R & D pour les aimants et la cryogénie. Les conclusions des examens récents de l'ensemble du projet seront présentées ainsi que le programme d'étude et de réalisation pour les deux prochaines années. Ce séminaire s'adresse aussi au personnel technique intéressé.

L'exposé sera fait en français.

Monday 1 July

PPE SEMINAR

at 16.30 hrs – Auditorium

Measurement of the average lifetime of B hadrons with the DELPHI detector at LEP

by M. Battaglia / CERN & INFN, Milano

The average lifetime of B hadrons produced in hadronic Z^0 decays has been measured with the DELPHI detector at LEP collider. The measurement is based on the analysis of the impact parameter distributions of high transverse momentum muons and hadrons. The high track extrapolation resolution achieved using the DELPHI Microvertex detector permits to extract a clean signal from both the samples. Results based on the analysis of 1990 data are presented.

Tuesday 2 July

TECHNICAL PRESENTATION

10.00 to 16.00 hrs – bldg 73/2-027

10.00 to 12.00 hrs : talks + demonstration

14.00 to 16.00 hrs : demonstration

*ITL, Instrument Technology Limited (GB) will present their electro-optics and vacuum products (short talks + demo) :
– 25 and 40 mm proximity focussed intensifiers, intensified CCD cameras with X-ray to IR sensitivity, open faced MCP detectors for electron detection and a photon counting imaging system (IPD) complete with image processing software, for detection and time correlation of single photon events over the X-ray to IR region.*

– Vacuum fittings, flanges, windows, viewports, feedthroughs, gauges, etc. They also supply customized sets of equipment to suit various applications.

Language: English

Information: M. Diraison / FI / 4585

Tuesday 2 July

PRESENTATION

at 14.00 hrs* – CN Auditorium
bldg 31/3-005

Trends in semiconductor storage for computers in the 1990s

by J. Malcolm WILKINSON / Anamartic Ltd, U.K.

Wednesday 3 July

CERN COMPUTING COLLOQUIUM

at 16.30 hrs – Auditorium

Experience using the Eiffel Object-Oriented Language and the CEBAF Data Acquisition System

by David QUARRIE / CEBAF

Thursday 4 July

PS/HI LECTURE SERIES

at 16.00 hrs – PS Conference Room
bldg 6, 2-024

Plasma physics concepts : stuttering laser-plasma interaction

by Heinrich HORA / CERN-PS

FOR INFORMATION / POUR INFORMATION

LAPP

Laboratoire d'Annecy de Physique des Particules

Chemin de Bellevue
BP 110
F – 74941 Annecy-le-Vieux
Tél. 50 23 32 45

Friday 28 June

LAPP SEMINAR

at 10.45 hrs – Auditorium, LAPP

Astrophysical and cosmological constraints on the 17 keV neutrino

by Tanguy ALTHERR / LAPP

Information : Sylvie LEES-ROSIER, LAPP / ext. 328 / SROSIER@FRCPN11

**TRAINING AND
EDUCATION
ENSEIGNEMENT**

ENSEIGNEMENT GENERAL

Tél. 5811 ou 2844 (le matin)

Jeudi 27 juin

de 13.00 à 13.30 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

dernière séance avant l'été – reprise mi-septembre

**INFORMATIONS
GENERALES
GENERAL INFORMATION**

PARC VEHICULE CERN

Suite à l'exploitation d'un nouveau système de prise de carburant avec carte magnétique, il est rappelé aux utilisateurs des véhicules CERN que toutes personnes habituées à faire le plein de carburant au SPS ne doivent en aucun cas alterner leur prise de carburant avec les pompes du site de Meyrin.

De plus, il est rappelé qu'une station de lavage pour véhicules CERN est à disposition au bât. 57, côté infirmerie, aux heures d'ouverture suivantes :

lundi de 08.30 à 11.30 h (fermé l'après-midi)

mardi de 13.00 à 16.00 h (fermé le matin)

mercredi, jeudi, vendredi : de 08.30 à 11.30 h & de 13.00 à 16.00 h

Groupe ST/HM