

le Conseil fédéral suisse et le CERN au sujet de cette même Fondation ainsi que du régime fiscal qui lui serait applicable et qui a obtenu l'aval des autorités suisses. Le Président du groupe de travail informera le Conseil de l'Organisation et ses Comités en leur soumettant quatre documents, à savoir : un exposé des motifs sur les questions de garantie des pensions, un projet de résolution complétant la résolution du 26 juin 1986 par laquelle l'Organisation s'engage à "garantir le paiement des prestations statutaires acquises par les membres et bénéficiaires de la Caisse de Pensions... jusqu'à l'extinction des droits du dernier bénéficiaire..." et précisant les conditions de la création de la Fondation, en particulier la mise en équilibre de la Caisse avant le transfert de celle-ci à la Fondation, un projet de Statuts de la Fondation et un projet d'échange de lettres déjà mentionné.

Finalement le Conseil d'administration s'est penché sur les recommandations à l'attention du Comité des finances et du Conseil devant accompagner l'expertise actuarielle et sur lesquelles les discussions se poursuivront à la prochaine réunion du Conseil d'administration.

Le Conseil a pris connaissance avec regret du décès d'un bénéficiaire, M. N. de Filippis.

SEMINARS SEMINAIRES

Monday 30 October

TECHNICAL SEMINAR

at 11.00 hrs – ECP Conference Room, bldg 13/2-005

HEP-PC : A project to explore commodity computing for HEP

by Manuel DELFINO / Universitat Autònoma de Barcelona & SCRI

Commodity computing components, such as modern personal computers and their operating systems, may be ideal building blocks for the large processor farms required by future High Energy Physics experiments, including those of the Large Hadron Collider at CERN. A research and development effort (P61) has been proposed to the LHCC, rooted in ongoing work by various groups with the Windows NT operating system running on a variety of hardware platforms. The relevant characteristics of NT will be explored, with some examples of running applications, as well as the aims of project P61.

Monday 30 October

PPE SEMINAR

at 16.30 hrs – Auditorium

News on the Ω_c (ssc)

by Stephan PAUL / MPI Heidelberg

Only little is currently known about the Ω_c (ssc), the heaviest charmed baryon groundstate. Its lifetime and decay branching ratios will provide important insight into the structure of heavy baryons.

We present first results from the hyperon beam experiment WA89 at CERN. The Ω_c lifetime is $55 + 13 - 11$ (stat) $+ 18 - 23$ (sys) fs, the shortest measured lifetime of a weakly decaying

resolution supplementing the one dated 26 June 1986 in which the Organization undertook to "guarantee the statutory benefits becoming due to the members and beneficiaries of the CERN Staff Insurance Scheme [Pension Fund] ... until the expiry of the rights of the last beneficiary ..." and setting out the conditions for the establishment of the Foundation, especially the balancing of the Fund before its transfer to the Foundation, a draft Constitution of the Foundation and the aforementioned draft exchange of letters.

Finally, the Governing Board examined the recommendations to the Finance Committee and Council to be submitted with the actuarial review, on which discussions will be continued at the Governing Board's next meeting.

The Board regretfully took note of the death of a beneficiary, Mr. N. de Filippis.

particle. Preliminary estimates on the relative branching ratios of 6 different final states are also given.

Tuesday 31 October

TECHNICAL PRESENTATION

at 10.00 hrs – CN Auditorium, bldg 31/3-004 & 5

Logiscope, C/C++/Fortran code quality and test

by Alain EISENSTEIN / Verilog

Logiscope is a CASE tool providing code quality verification, testing, and test coverage analysis through a comprehensive reverse engineering tool set. Logiscope's ability to analyze all or part of the code gives development, testing and maintenance engineers a solution to managing new or existing software systems. Logiscope supports different dialects of many languages such as C, C++, Fortran, Ada, Cobol, etc.

See <http://www.cern.ch/PTTOOL/Logiscope/> for availability at CERN.

Agenda

Presentation and demo of the new release of Logiscope.

The following tools of the Logiscope platform will be shown:

- *CodeChecker*: Produces an overall quality report implementing function control graph metrics, call graph metrics and new object oriented (for C++) metrics.
- *TestChecker*: Provides on line graphical measurement of the coverage reached with your test programs.
- *RuleChecker*: Detects programming rules violations in your code.

At the end of the show we will introduce the LOV reverse engineering tools that generates OMT Object diagrams out of C++ code.

An open house "bring-your-own-code" session will be organized in the afternoon in bldg 1/R-009 where you will be able to analyze your code with Logiscope.

Prepare a small compilable sample.

More details at the presentation.

Organiser : S. Cannon / CN / 5036

Tuesday 31 October

UMTF COMPUTING TUTORIAL

from 14.00 to 16.00 hrs – CN Auditorium, bldg 31/3-004 & 5

Advanced Editing with Emacs

by J.H. PETERS / DESY & CERN

This is the second tutorial in a regular lecture series organized by the User Migration Task Force of the CN division. It is targeted to users who need to migrate from CERNVM or any other other platform to Unix and need to acquire enough knowledge for their everyday work on one of the Work Group or PLUS Servers or any other workstation running the recommended HEP Unix environment.

Until the end of this year the following dates and topics are foreseen for further lectures :

Wednesday 8 November, 10.00-12.00 hrs

Basic Unix Commands / Unix File System (J.H.Peters)

Wednesday 15 November, 10.00-12.00 hrs

Handling your Mail on Unix with PINE (A.Miotto)

Monday 20 November, 14.00-16.00 hrs

How to Access the Public Unix Services (T.Cass)

Thursday 30 November, 10.00-12.00 hrs

How to Set Up Your Unix Shell Environment (A.Taddei)

Wednesday 6 December, 10.00-12.00 hrs

Basic Unix Commands / Jobs & Processes (J.H.Peters)

The program will continue next year covering topics as scripting languages like Perl and Tk/Tcl, X sessions, mailing lists, etc. The timetable for these will be published in due course. This second lecture on the recommended editor emacs will cover emacs variables, command repetition and re-execution, how to make use of registers and the mark ring, how to manipulate words and check the spelling of texts from within emacs, compare files and how to use the language sensitive features of emacs. Basic knowledge of emacs is required for this tutorial.

Wednesday 1 November

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Weak scale supersymmetry and weak scale – gut scale connection

by S. POKORSKI / MPI, Munich

Analysis of the electroweak data in the framework of the minimal supersymmetric standard model gives important hints for the experimental search for supersymmetry. Also, in the bottom-up approach to exploring the weak-scale - gut scale connection, those results constrain strongly physics at the gut scale.

Thursday 2 November

TECHNICAL PRESENTATION

from 09.30 to 12.00 hrs – bldg 17/1-007

Schaefer product seminar: news especially in the areas of vacuum and gas flow measurement

by Klaus Schaefer AG (CH) representing Hastings (Teledyne Brown Engineering Hastings Instruments) (USA)

Speaker: Bill ALVESTEFFER / Head of product development at the American manufacturer Hastings

1. The new wide range vacuum gauges VI 2000 and VAS 2000. This product is good for measuring between approximately 1200 mbar and 10^{-4} mbar

2. New development in Thermal Mass Flow Meters. This talk will discuss newer developments of the Thermal Mass Flow Meters which were originally invented at Hastings approximately 40 years ago

Exhibited products: Hastings Vacuum Gauges/Controllers; Hastings Mass Flow Meters/Controllers; Cerasmaseal Vacuum Components (feedthroughs, connectors, viewports for UHV, high voltage, high temperature, cryogenics); Granville-Phillips-Stabil Ion Gauge; Glass/Metal Seals

Language : English, + French and German for questions

Information : M. Diraison / FI-A / 4585

Thursday 2 & Friday 3 November

THIRD GENERAL MEETING OF THE LEP2 WORKSHOP

at 09.00 hrs – Auditorium

Thursday 2 November

09.00-09.30 Recent developments for the LEP2 project

C. Wyss

09.35-10.15 Performance of SC-RF system

D. Boussard

10.20-10.50 Report on the Physics/Machine WG

F. Richard

Break

11.15-11.45 Physics goals of the 140 GeV run

S. Komamiya

11.50-13.10 W mass

Lunch

14.00-14.50 WW

14.55-15.45 WW (Ev. gener.)

Break

16.15-16.55 Standard processes

17.00-17.30 QCD

17.35-18.05 QCD (Ev. gener.)

Friday 3 November

09.00-10.30 Higgs

Break

11.00-11.20 New particles (incl. Ev. gener.)

11.25-11.50 New particles (incl. Ev. gener.)

11.55-12.15 New particles (incl. Ev. gener.)

12.20-12.45 Z'

Lunch

14.00-14.30 $\gamma\gamma$

14.35-15.05 $\gamma\gamma$ (Ev. gener.)

15.10-15.40 Bhabha (Ev. gener.)

Break

16.15-17.00 WWV

17.00-17.30 Prospects at the Tevatron

17.35 Conclusion G. Altarelli

Friday 3 November

PRESENTATIONS

at 09.00 hrs – PS Auditorium, bldg 6/2-024

CERN R&D on Object Orientation

A full day of presentations from RD13 (Scalable DAQ), RD38 (Cicero), RD41 (Moose), RD44 (Geant4) and RD45 (Persistent Object Manager). The day is meant to give an overview of the progress made in R&D on the various aspects of Object

Orientation. Official status reports on some of those projects will have to be presented (in a much shorter form) during the open presentation of the LHCC Review Boards on Tuesday 7 November 1995.

For more information, including the agenda, see <http://hpmoose0.cern.ch/moose/oo-day/agenda.html>

Monday 6 November

DETECTOR DATA LINK WORKSHOP

10.00 to 18.30 hrs – Council Chamber

Organized by Robert McLaren, ECP

The aim is to define the user requirements for data links in the LHC experiments and review the solutions which are being investigated.

The workshop will focus on analogue and digital links

- In the Timing, Trigger and Control (TTC) system
- From the detectors to the Level 1 Trigger system
- In the DAQ system from the Detectors to the input to the Level 2 Buffers (RDPMs and ROBs)

It will not cover the links to the Level 2 Trigger nor to the Event Builder.

Session I Overview and terminology of LHC DAQ systems

10.00	Welcome	M. Turala
10.10	CMS	S. Cittolin
10.35	ATLAS	L. Mapelli
11.00	ALICE	P. Vande Vyvre
11.25	Timing, Trigger and Control	B. Taylor
12.00	Lunch	

Session II Detailed requirements and review of work in progress

13.15	Trigger LVL1 links (CMS)	W. Smith
14.00	Trigger LVL1 links (ATLAS)	N. Gee
14.45	DAQ(Detector) Links(CMS)	E. Pietarinen
15.30	DAQ(FE and RO links)(ATLAS)	Ph. Farthouat
16.15	Coffee	

Session III Common projects

16.30	Analog links	F. Vasey
16.50	Serial Digital links	E. Petrolo
17.10	Rad. Hard Optical links	R. Nickerson
17.30	S-LINKS	R. McLaren
17.50	Discussion on joint efforts	

If you plan to attend and you have not yet announced your participation, please send an e-mail to Toke_Reber@macmail.cern.

Monday 6 November

UMTF USER MEETING

at 14.00 hrs – CN Auditorium, bldg 31/3-004 & 5

Batch and Tape Handling at CN Services

by Miguel MARQUINA / CERN

This is the 5th User Meeting, organized as part of the regular series dedicated to the Migration of the User Community out the CERNVM mainframe.

The presentations will focus on the access and usage of the Batch facilities provided by CN Division, including magnetic media (TMS, staging, etc). CN staff involved in the different areas will be present to answer questions raised by the audience during and after the presentations.

The Agenda of the Meeting follows:

- 14.00 Introductory Remarks - Miguel Marquina
- 14.10 Running Batch Work - Harry Renshall
- 14.35 Accessing Data on Magnetic Media (speaker to be announced)
- 15.00 Questions and User Feedback
- 15.30 Tentative End of Meeting

Further details about these meetings may be found in WWW under <http://consult.cern.ch/umtf/user-meetings/>

Tuesday 7 November

LHCC REVIEW BOARDS (LCRB, LDRB, LERB)

at 09.00 hrs – Council Chamber

Open session

- 09.00-09.30 RD8 Status Report: Development of GaAs detectors for physics at the LHC (RWTH Aachen-ANSTO Sydney-Bologna-Florence-Freiburg-Glasgow-Lancaster-IHEP Protvino-RAL-Sheffield; LHCC 95-57/LDRB Status Report/RD8; K.M. Smith).
- 09.30-10.00 RD39 Status Report: Superconducting microstrip detectors (CERN-Helsinki Univ. of Technology-Technical Research Centre of Finland, Otaniemi; LHCC 95-63/LDRB Status Report/RD39; T. Niinikoski).
- 10.00-10.30 RD43 Status Report: Research and development of a hadron calorimeter for high magnetic fields (ErPI Erevan-INRNE & SU Sofia-BRPAPM & NCPHEP Minsk-IHEP Beijing-IHEP TSU Tbilisi-TIFR Bombay-IHEP Protvino-INR, ITEP & JINR Moscow-CERN-Fermilab-HEPG Florida State-Iowa-Iowa State-Maryland-Michigan-Michigan State-Minnesota-Northeastern-Notre Dame-Purdue-Princeton-Rochester-VPI & State Univ. Blacksburg-KSU, KhFTI & ISC Kharkow-INP Tashkent; V. Kryshkin).
- 10.30-11.00 RD23 Status Report: Optoelectronic analogue signal transfer for LHC detectors (CERN-Birmingham-EPFL Lausanne-Europtics (UK)-Florence-GEC Marconi-Imperial College-Lund-Perugia-Siegen-RAL; LHCC 95-61/LERB Status Report/RD23; F. Vasey).
- 11.00-11.30 RD41 Status Report: MOOSE - an Object Oriented approach to software development for LHC experiments (NIKHEF-ANL Argonne-LBL-RAL-Edinburgh-CERN-HP Company Geneva-SEFT Helsinki-Nijmegen-LAL-CALTEC-Prague-DAPNIA SEI Saclay-Washington-INRNE Sofia-KEK Tsukuba-Utrecht; LHCC 95-60/LCRB Status Report/RD41; K. Bos).
- 11.30-12.00 RD44 Status Report: GEANT 4: an Object-Oriented toolkit for simulation in HEP (CERN-Fukui-Helsinki-Hiroshima Inst. of Tech-KEK Tsukuba-KFKI Budapest-KLA S. Jose-Kyoto-IBM Austin-IHEP Serpukhov-INFN Bari-INFN Padova-International Christian Univ. Mitaka-LAPP Annecy-LBL-Lawrence Livermore National Lab.-Lebedev Physics Inst. Moscow-Naruto Univ. of

Education–RWTH Aachen–Saclay–Tokyo
Metropolitan Univ.–TRIUMF Vancouver–Univ.
British Columbia–Cambridge–Manchester–Sofia;
LHCC 95-70/LCRB Status Report/RD44; S. Giani).

12.00-12.30 RD45 Status Report: A persistent object manager
for HEP (Birmingham–CERN–Freiburg–GSI
Darmstadt–IHEP Protvino–INP Krakow–INFN
Napoli–La Sapienza & INFN Roma–Tata Institute
of Fundamental Research Bombay–Lab. of Nuclear
Study, Cornell–LBL; J. Shiers).

Tuesday 7 November

TECHNICAL PRESENTATION

at 09.00 hrs – CN Auditorium, bldg 31/3-004 & 5

**Digital Equipment Corporation's INTEL &
ALPHA PC line**

by C. GILARDI / Digital Europe - Geneva

Organiser : S. Cannon / CN / 5036

Tuesday 7 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Recent advances in the physics of tau decays

by Michel DAVIER / LAL Orsay

Wednesday 8 November

TECHNICAL PRESENTATION

09.00 to 16.30 hrs – demo bus, car park near bldg 63
(PTT)

Electronic test and measuring equipment

by Schotec SA (CH) representing Toellner Electronic
Instrumente GmbH

Language : English, French, German

Information : M. Diraison / FI-A / 4585

Wednesday 8 November

UMTF COMPUTING TUTORIAL

10.00-12.00 hrs – CN Auditorium

Basic Unix Commands / Unix File System

by J.H. PETERS / DESY & CERN

Wednesday 8 November

COMPUTING SEMINAR

at 16.00 hrs – CN Auditorium, bldg 31/3-005

**Putting Software Documentation on the Web:
Application of LIGHT to the Julia Reconstruction
Program of ALEPH**

by Marco AIMAR & Bertrand ROUSSEAU / CERN ECP-PT

Vendredi 10 novembre

PRESENTATION TECHNIQUE

09h00-12h00 et 14h00-16h30, bât. 165/R-006

Fournitures électrotechniques 3M

par 3M Suisse SA (CH)

Langues: allemand, anglais, français

Renseignements: M. Diraison / FI-A / 4585

Friday 10 November

COMPUTING COLLOQUIUM

10.00 to 12.30 hrs – Council Chamber*

**Unifying the Booch and OMT OO Development
Methods**

Introduction to the Unified Method

by James RUMBAUGH / Rational Software Corporation

* Please note the unusual time and location.

POUR INFORMATION / FOR INFORMATION

UNIVERSITY OF GENEVA

Particle Physics Department

24, quai Ernest-Ansermet

1211 Geneva 4

Tel. 022 702 6273

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Wednesday 1 November

SEMINAR ON PARTICLE PHYSICS

at 17.00 hrs - Stuckelberg Auditorium

Highlights of this year's summer conferences

(Lepton-Photon: Beijing, EPS: Brussels)

by Pierre EXTERMANN & Franz MUHEIM / DPNC,
Université de Genève

The highlights of the new particle physics results which were
presented at this year's summer conferences will be discussed.
Topics will include updated results on the discovery of the
top quark, neutrino physics experiment which search for
neutrino oscillations. Precision measurements on the standard
model show that there is an excess (3.7 standard deviations)
in the measured rate of Z bosons decaying into a pair of b
quarks as compared to the prediction.

EDUCATION SERVICES EDUCATIFS

ENSEIGNEMENT GÉNÉRAL – Tél. 5811

Jeu 2 novembre

à 13.00 h – *Salle du Conseil*

Science pour tous

par Rafel CARRERAS

Attention : changement de salle!