

4. Le Comité examinera les recommandations des divisions et soumettra des propositions au Directeur général, après consultation des divisions concernées.
5. Le calendrier provisoire prévoit que les décisions définitives seront prises en juin ou juillet 1996. Elles seront communiquées sans délai aux titulaires concernés. Les attributions de contrats de durée indéterminée prendront normalement effet au 1^{er} janvier 1997.
6. Une procédure spéciale est appliquée, comme par le passé, aux physiciens expérimentateurs et théoriciens (catégorie professionnelle 1); elle sera publiée en temps voulu.

Division du Personnel
Tél. 4466

5. The tentative schedule foresees that final decisions will be taken in June/July 1996. They will be communicated to the staff members concerned without delay. Awards of Indefinite Contracts will normally take effect on 1 January 1997.
6. A special procedure is applied, as in the past, for experimental and theoretical physicists (professional category 1), which will be published in due course.

Personnel Division
Tel. 4466

Circulaire administrative no 9 (Rév. 1) - Janvier 1996 TYPES ET DURÉE DES CONTRATS DES TITULAIRES

Cette circulaire administrative a été modifiée.

Des exemplaires sont disponibles dans les Secrétariats de Division.

Division du Personnel
Tél. 4128

Administrative Circular No 9 (Rev. 1) - Janvier 1996 TYPES AND DURATION OF CONTRACTS OF STAFF MEMBERS

This administrative circular has been revised.

Copies are available in the Divisional Secretariats.

Personnel Division
Tel. 4128

SEMINARS SEMINAIRES

Monday 4 March

UMTF USER MEETING

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

The ListBox Mailing List Service

by M. MARQUINA & A. TADDEI / CERN-CN

During this User Meeting we will present the highlights of the new ListBox Mailing List Service, created to replace LISTSERV/VM. The talk follows after the general tutorial on Mailing Lists given the previous week by M. Marquina.

The presentation is split in two parts: one dedicated to the User aspects of the Service and the other to the administrative tasks involved in the operation of Mailing Lists.

The target audience is users having to look after the creation and maintenance of Mailing Lists at their own team, but everybody is of course welcome.

Wednesday 6 March

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Mesons from non-perturbative flow equation

by Christof WETTERICH / Heidelberg University

The solution of flow equations permits a transition from quarks and gluons to a mesonic description. The resulting

linear sigma-model for mesons coupled to quarks shows strong infra-red attractive behaviour. As a result, many couplings relevant for meson properties are not very sensitive to the details of the complicated dynamics at the transition scale. This can be used for a computation of meson decay constants, mass relations and decay properties.

Thursday 7 March

UMTF COMPUTING TUTORIAL

10.00-12.00 hrs – CN Auditorium, bldg 31/3-004&5

Gnats Problem Tracking Scheme

by Alan LOVELL

The Gnats problem reporting system has recently been adopted by the CN/DCI group and extended to several other CN Services. This presentation will briefly describe the scheme and give an introduction to the user interface which is WWW-based.

Although the presentation is mainly intended for the CN support staff who will use the system it is open to anyone who is interested.

Thursday 7 March

SL SEMINAR

at 16.00 hrs* – SL Auditorium, Prevessin, bldg. 864

A new LAN Concept for LEP Machine Networks

by Louis GUERRERO / CERN-SL

LEP networks, implemented in 1987, are based on two Token-ring backbones, using TDM as transmission media.

The general topology is based on routers and on a distributed backbone. The new concept relies on a large infrastructure which connects all the eight underground pits of LEP with single-mode fibres from the Precession control room (PCR). FDDI has been selected as the MAC protocol. This new concept is based on switching and routing between the PCR and the eight pits. This scheme will provide for workgroups organisation and bandwidth allocation.

The technological choices make a future evolution towards ATM and 100Base Ethernet possible and allow to preserve a large part of the investment.

This presentation will aim to satisfy the non-specialists.

** Tea and coffee will be served at 15:30 hrs in front of the auditorium*

Thursday March 7

SÉMINAR FOR CERN GUIDES

organised by CERN Visits Service – Groupe DSU/CP

at 16.00 hrs – Council Chamber

The Venus Project (Virtual Environment Navigation in the Underground Sites)

by Silvano DE GENNARO / CERN-CN

The VENUS (Virtual Environment Navigation in the Underground Sites) project is one of the largest Virtual Reality application to Engineering design in the world. VENUS offers a fully immersive and stereoscopic “flythru” of the LHC pits for the proposed experiments. The talk will be followed by a stereographic projection demo.

This seminar (given in English) is especially reserved to CERN Guides, but it is open to all interested people. It will also be given in french on Friday 8 March.

Thursday 7 March

CERN COLLOQUIUM

at 16.30 hrs – Auditorium*

Alpha Magnetic Spectrometer (AMS) for extraterrestrial study of antimatter, matter and missing matter on the international space station Alpha.

by Samuel C. C. TING / CERN

The existence (or absence) of antimatter is closely connected with the foundation of the theories of elementary particle physics, CP-violation, baryon number non conservation, Grand Unified Theory (GUT), etc. To search for antimatter in space with a sensitivity of 10^4 to 10^5 better than the current limits, we plan to install a large acceptance ($\sim 1\text{m}^2\text{sr}$) magnetic spectrometer in space, on the international space station Alpha, with a new type of permanent Nd-Fe-B magnet and precision instrumentation. AMS will be the first large acceptance magnetic spectrometer in space. It will also provide a sensitive search for dark matter as well as for cosmic ray study.

** Tea & coffee will be served at 16.00 hrs.*

Vendredi 8 Mars

SÉMINAIRE POUR LES GUIDES DU CERN

organisé par le Service des Visites – Groupe DSU/CP

à 16.00 h – Salle du Conseil

Le Projet VENUS (réalité virtuelle)

par Silvano DE GENNARO / CERN-CN

Le projet VENUS (Virtual Environment Navigation in the Underground Sites) est une des plus grandes applications de Réalité Virtuelle du monde. VENUS permet de “voler” dans le puits virtuels du LHC.

La présentation du projet VENUS sera suivie par une projection stéréographique démonstrative.

Ce séminaire (donné en français) est spécialement réservé aux Guides du CERN, mais il est ouvert à toutes les personnes intéressées. Il sera aussi donné en anglais le jeudi 7 mars.

Monday 11 March

UMTF COMPUTING TUTORIAL

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

How to Set Up Your Unix Shell Environment

by Arnaud TADDEI

Monday 11 March

PPE SEMINAR

at 16.30 hrs – Auditorium

Measurement of $|V_{cb}|$ with the DELPHI detector

by Franco SIMONETTO / Università di Padova & INFN Padova

The partial width of the semi-leptonic decay $B^0 \rightarrow l^+ \nu_l \bar{D}^+$ has been determined as a function of the square of the momentum transferred to the leptons q^2 . The extrapolation to the kinematic limit, $q^2_{\text{max}} = (M_{B^0} - M_{D^+})^2$, allows $|V_{cb}|$ to be determined with small theoretical uncertainty.

Theoretical limits, experimental methodologies and comparison with other experiments will be presented. Details will be provided on a novel technique of inclusive D^+ reconstruction in semi-leptonic B decays, developed by the DELPHI collaboration, which increased the efficiency for reconstructing the process by about one order of magnitude.

Tuesday 12 March

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

The Gluon Distribution and α_s from Global QCD Analysis in Lepton-hadron and Hadron-hadron Interactions

by W.K. TUNG / Michigan State University

Wednesday 13 March

HCC REVIEW BOARDS (LCRB, LDRB, LERB)

at 09.00 hrs – Council Chamber

Open session

09.00 – 09.30 RD18 Status Report: R&D for the study of new, fast and radiation hard scintillators for calorimetry at LHC (Crystal Clear Collaboration; LHCC 96-19/LDRB Status Report/RD18; M. Schneegans).

9.30 – 10.00 RD26 Status Report: Development of a large area advanced fast rich detector for particle identification at the LHC operated with heavy ions (Bari-CERN-LIP Coimbra-Giessen-J. Stefan Inst. Lund-INR Moscow-TU Munich-Padova-Ecole Polytechnique Palaiseau-Roma 1-DAPNIA)

SEDSaclay-Sanita-SUBATECHNantes-Trieste-
WeizmannInst. Rehovot-R. BoskovicInst. Zagreb;
LHCC 96-20/LDRB Status Report/RD26; F. Piuz).

10.00 – 10.30 RD28 Status Report: Development of microstrip
gas chambers for radiation detection and tracking
at high rates (CERN-BINP Novosibirsk-CRN
Strasbourg-CRPP Carleton-DAPNIA Saclay-
INFN Torino-Fermilab-FPNT Cracow-HEP
Santiago de Compostela-IIHE Bruxelles-NRCPS
Demokritos-IP Prague-IP Comenius-IP Kosice-
IPN Lyon-ISA Aarhus-ITEP Moscow-JINR
Dubna-LIP Coimbra-LN INFN Frascati-LN
INFN Legnaro-LN INFN Gran Sasso-LPI
Moscow-LPPE Mons-MPI Heidelberg-
NIKHEF-NPI Moscow-PD Carleton-PD
Michigan-PD Northwestern-PD Birmingham-
PD Liverpool-PD Manchester-PHASE CRN
Strasbourg-RAL-SUNY Stony Brook-TA&MPD
Texas-TRIUMF-UC London-Weizmann Inst.
Rehovot; LHCC 96-18/LDRB Status Report/
RD28; F. Sauli).

10.30 – 11.00 RD32 Status Report: Development of a Time
Projection Chamber with high two-track
resolution capability for collider experiments (INP
Cracow-GSI Darmstadt-IKF Frankfurt-CERN-
MPI Munich; LHCC 96-16/LDRB Status Report/
RD32; R. Brockmann).

11.00 – 11.30 RD45 Status Report: A persistent object manager
for HEP (Argonne Nat. Lab.-Birmingham-
CERN-Freiburg-DSI Darmstadt-IHEP Protvino-
LBL-KEK Ibaraki-INP Krakow-Napoli-LAL
Orsay-La Sapienza Roma-Tata Inst. of
Fundamental Research-Cornell-ETH Zurich;
LHCC 96-15/LCRB Status Report/RD45; LHCC
96-17; J. Shiers).

Mercredi 13 mars

PRESENTATION TECHNIQUE

09.00-16.00 hrs – Demo bus, parking bât. 252

**Armoires et coffrets destinés à l'industrie électronique
et électrique**

by C. COCHET / Schroff SA

Mercredi 13 mars

PRESENTATION TECHNIQUE

09.30-16.00 hrs – bât. 1/1-045

Imprimantes couleur et instruments de mesures

par Servilec SA

Language : anglais, allemand, français,

Information : L. Abel/ FI-A /9561

Thursday 14 March

UMTF COMPUTING TUTORIAL

10.00-12.00 hrs – CN Auditorium, bldg 31/3-004&5

Accessing UNIX Services from a MAC

by Miguel MARQUINA

EDUCATION SERVICES EDUCATIFS

ENSEIGNEMENT GÉNÉRAL

Tél. 5811

Jeudi 29 février

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

ENSEIGNEMENT ACADEMIQUE ACADEMIC TRAINING

Françoise Benz ☎ 3127

Informations détaillées sur le WWW

Information about the lectures on WWW

<http://www.cern.ch/Training/>

4, 5, 6, 7 & 8 March

LECTURE SERIES

11.00 to 12.00 hrs

4, 5, 6, 7 March – Auditorium

8 March – Council Chamber

**Detector Techniques & Data Acquisition for
LHC experiments**

by M. TURALA & S. CITTOLIN / CERN-ECP

An overview of the technologies for LHC tracking detectors, particle identification and calorimeters will be given. In addition, the requirements of the front-end readout electronics for each type of detector will be addressed. The latest results from the R&D studies in each of the technologies will be presented.

The data handling techniques needed to read out the LHC detectors and the multi-level trigger systems used to select the events of interest will be described. An overview of the LHC experiments data acquisition architectures and their current state of developments will be presented.

11, 12, 13 14 & 15 March

LECTURE SERIES

11.00 to 12.00 hrs – Auditorium

High-T_c Superconductivity

by H.R. OTT / ETH Zürich, CH