

3. Rules applicable in the event of demonstrations

The Management had announced the principles of such rules at the meeting of the SCC in November 1995 and distributed a draft document in January 1996 applying to possible demonstrations organised on the CERN site. The Staff Association, whilst confirming that it would continue to make every effort to ensure law and order during demonstrations, expressed its disagreement with the introduction of such rules for reasons of principle and on legal grounds.

4. Distribution of the 10th Edition of the Staff Rules and Regulations

Personnel Division is to publish a reminder in the Weekly Bulletin that those staff who have not already done so may collect a copy of this document in their Divisional Secretariat or from the appropriate service in Personnel Division.

The next ordinary meeting of the Standing Concertation Committee is to take place on Wednesday, 15 May 1996.

3. Règles applicables aux manifestations

La Direction avait annoncé les principes de ces règles à la réunion du CCP de novembre 1995 et distribué en janvier 1996 un projet de document s'appliquant à d'éventuelles manifestations organisées sur le site du CERN. L'Association du personnel, tout en confirmant qu'elle continuerait à s'efforcer autant que possible d'assurer l'ordre public lors des manifestations, a exprimé son désaccord avec l'adoption de ces règles, pour des raisons de principe et d'ordre juridique.

4. Distribution de la 10e édition des Statut et Règlement du personnel

La Division du personnel publiera un article dans le Bulletin rappelant aux membres du personnel qui ne sont pas encore en possession de ce document qu'ils peuvent en retirer un exemplaire au secrétariat de leur division ou dans le service approprié de la Division du personnel.

La prochaine réunion ordinaire du Comité de concertation permanent se tiendra le mercredi 15 mai 1996.

INCIDENT DANS LA SALLE DE CONTRÔLE DU PS

Le 28 avril 1996, à 21.15 hrs, un ancien membre du personnel du CERN, a occupé la salle de contrôle du PS. Il a ordonné aux opérateurs d'évacuer les lieux et empêché les pompiers d'y accéder. Il a dispersé de l'essence dans la salle tout en menaçant de s'immoler.

A la demande du CERN, des agents de la Gendarmerie du Canton de Genève, sont intervenus immédiatement. Ils ont maîtrisé l'intéressé à 00.05 hrs, et l'ont conduit au poste de police. Il a été inculpé et emprisonné.

Le CERN a déposé plainte pour accès sans autorisation sur le domaine, occupation de la salle de contrôle, menaces contre des membres du personnel, préjudice moral et arrêt pour 24 heures des expériences.

Le Directeur de l'Administration

SEMINARS SEMINAIRES

Monday 6 May

SL SEMINAR

at 14.hrs - SL Auditorium, Préveessin, bldg. 864

NICE + Windows 95 = NICE95

by Michel BORNAND

Don't you know what NICE is ?

You are a PC user and want to know what Windows 95 can do for you ?

A presentation of the new upported 32bit Windows environment for all the CERN personal computers (PC) will be given which is based on Windows 95. This presentation will assume little or no familiarity with the PC, or NICE, and will concentrate on the services being offered to the users of PCs at CERN. How NICE95 can facilitate the work of all users, eventually becoming a universal desktop environment, will be demonstrated.

This seminar will be given in English.

La même présentation sera donnée en français le 8 mai, même heure, même endroit.

Monday 6 May

COMPUTING SEMINAR

at 14.00 hrs* - PS Auditorium*, bldg 6/2-024

HPCC in the US: A Time of Transition

by Paul Messina / Caltech

The year 1996 is turning out to be a year of transition for the High Performance Computing and Communications (HPCC) program in the United States. The HPCC program was formally established in December 1991 as a five year program, so it is scheduled to be extended or terminated this year. At present it appears most likely that it will be terminated as a formal plan. However, the research and development activities associated with HPCC will certainly continue and in some cases accelerate or aim higher. The Department of Energy's Accelerated Strategic Computing Initiative (ASCI) will create the first Teraflops computer late this year and launch one or two other Teraflops procurements (for shared memory architectures). The National Science Foundation will transition its supercomputer center activities to a new program: Partnership for Advanced

Computing Infrastructure. NSF is also undertaking a substantial expansion in the number of sites connected to its high-speed, experimental network. The Defense Advanced Research Projects Agency (DARPA) will fund several projects aimed at creating powerful metacomputing environments. NASA has designated its Ames Research Center as a Center of Excellence for Information Technology. Finally, studies of Petaflops computing continue and may result in funding for a number of architecture and technologies research projects that may lead to practical Petaflops computers in 10 - 15 years.

The topics above and some related Caltech activities and plans will be described from a personal perspective.

Organiser G.Folger / CN

*** Please note unusual date, time and place*

This will be given in French and is the same as the version given in English on 2 May and to be repeated, also in English, on 23 May.

Monday 6 May

UMTF USER MEETING

at 14.00 hrs - CN Auditorium

"Recommended NewsReaders and Editors at CN Services"

by M. Marquina & A. Silverman / CERN

During this User Meeting we will present the currently supported interfaces for reading news and file editing available at UNIX services supported by CN Division.

The presentations will NOT address the actual interfaces (to be done at the relevant UMTF Computing Tutorials - see our Training Programme in WWW <http://consult.cern.ch/umtf/training>) but rather the highlights and reasoning behind the choices.

After presenting the technical details associated to each part, we will hold an open debate with the attendants for further feedback.

The intended agenda follows below:

14.00 hrs	Introductory Remarks	Miguel Marquina
14.10 hrs	Supported UNIX NewsReaders	Alan Silverman
14.30 hrs	Supported UNIX Editors	Miguel Marquina
14.50 hrs	Questions and Feedback	
15.30 hrs	Tentative End of Meeting	

Wednesday 8 May

TECHNICAL PRESENTATION

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

QC/Replay QC/Recall TestCenter

by A. Thoma/SQL, D. Kaech/SQL, S. Firth/CenterLine

QC/Replay is a Xt/Motif Regression Test tool which helps automate the existing manual testing process of GUIs to make it faster, less error-prone and repeatable for regression testing.

QC/Recall is a post-deployment quality automation tool for mission critical Xt/Motif Applications. It monitors deployed applications non-intrusively. It obtains a comprehensive log of user interactions including data entered, buttons clicked and windows opened. When a system crashes or a defect is detected one can reproduce and correct the error much faster.

TestCenter is a C/C++ testing environment which helps in memory leak and runtime error detection, test coverage and test simulation.

Agenda:

- Introduction of SQL and CenterLine
- Presentation of QC/Replay, QC/Recall and TestCenter
- Online presentation of QC/Replay, QC/Recall and TestCenter
- Technical questions/discussion

See Also:

http://www.centerline.com/products/qc_rply.html for details on QC/Replay

http://www.centerline.com/products/qc_recall.html for details on QC/Recall

<http://www.centerline.com/products/tc.html> for details on TestCenter

<http://www.cern.ch/PTTOOLS/TestCenter/> to use TestCenter at CERN

Organiser : S. Cannon / CN / 5036

Wednesday 8 May

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

The Analytical Value of the Three-Loop Corrections to the Electron (g-2) in QED

by Ettore REMIDDI / Bologna

The analytical calculation of the QED three-loop radiative corrections to the electron (g-2) has been completed; with this theoretical result, the next generation experiments will push the test of QED to one part per billion. After a discussion of the current status of the measurements of the electron (g-2) and of the fine structure constant, the seminar will briefly describe some of the techniques developed for the analytical evaluation of the electron anomaly.

Mercredi 8 mai

SÉMINAIRE SL

à 14.00 hrs - Amphithéâtre SL, Préveessin, bât. 864

NICE + Windows 95 = NICE95

par Michel Bornand

Thursday 9 May

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

AFS Project space administration tutorial

by Rainer Toebicke

The tutorial is intended for AFS project space administrators. Project space in AFS is the disk space allocated to projects, user groups and experiments which is not accessible via the standard `/afs/cern.ch/user/...` or `/afs/cern.ch/group/...` paths, but rather `/afs/cern.ch/project/...`, `/afs/cern.ch/atlas/...` or similar.

The tutorial covers:

- Introduction to AFS volumes
- Project space concepts
- the `afs_admin` tool

Warning: the tutorial assumes knowledge of AFS concepts with some experience. It is not intended as an introduction to AFS.

Thursday 9 May

LHC TECHNICAL SEMINAR

at 16.00 hrs - AT Auditorium, Bldg. 30 (7th fl.)

The LHC vacuum system and its holy screen

Oswald GRÖBNER / LHC Division

The LHC vacuum chamber will be formed by the inner bore of the magnet cryostat a perfect cryo-pump at 1.9 K. However, the power from synchrotron radiation and image currents should be absorbed on a "beam screen" at a higher temperature (5 to 20 K). The design of this beam screen represents a technological challenge in view of the numerous and often conflicting requirements. Cryo-pumping can still provide low gas densities but it must be ensured that the vapour pressure and the re-cycling of cryo-sorbed molecules remains within acceptable limits: hence the necessity for a "holy" screen.

Friday 10 May

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs - TH Conference Room

Two-Loop QCD Corrections to $b \rightarrow c$ Transitions at Zero Recoil and Determination of $|V_{cb}|$

by Andrzej CZARNECKI / Karlsruhe

Previously unknown two-loop QCD corrections to the $b \rightarrow c$ decay at zero recoil were one of two major sources of theoretical uncertainty in the determination of the Kobayashi-Maskawa matrix parameter $|V_{cb}|$. A new computational approach has allowed an evaluation of these corrections. The two-loop effects enhance the one-loop corrections by 21%. Including two-loop QCD effects and previously neglected electroweak and Coulomb corrections, and taking the recent DELPHI analysis for the experimental input, we find $|V_{cb}| = 0.0379 \pm 0.0020$ (stat) ± 0.0025 (syst) ± 0.0011 (theory).

Monday 13 May

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

Tools for Mail on the Mail Server

by Arnaud Taddei

Monday 13 May

ISOLDE EXPERIMENTS COMMITTEE

at 14.00 hrs - Council Chamber, bldg 503

Provisional Agenda for the Eighteenth meeting

OPEN SESSION

1. Introductory remarks by the Chairman.
2. Progress report by the ISOLDE Technical Group Leader.
3. ISOLDE Coordinator's report.
4. Proposal: g_I -factor measurements on unstable Eu^+ isotopes in an ion trap (Mainz, CERN, GSI-Darmstadt Collaboration); CERN/ISC 96-9/P78; G.Werth.
5. Proposal: Search for physics beyond the Standard Model via positron polarization measurements with polarized ^{17}F (Leuven, Louvain-La-Neuve, Bonn, Madison, Zürich, NICOLE & ISOLDE Collaboration); ISC 96-11/P80; N.Severijns.
6. Proposal: Study of the ν_e correlation in Fermi beta decay: a probe for scalar weak interactions (Notre Dame, Seattle, Madrid, CERN Collaboration); CERN/ISC 96-17/P82; A.Garcia.

7. Addendum to proposal P60 (IS344): Laser spectroscopy of neutron rich Bismuth isotopes (CERN, Mainz, Manchester, Stony Brook Collaboration); CERN/ISC 96-12/P60 Add.1; J. Billowes.
8. Proposal: Gold and platinum in silicon-isolated impurities and impurity complexes; (Aarhus, Dublin, Konstanz, Lisboa, CERN Collaboration); CERN/ISC 96-15/P81; M.Henry.
9. Addendum to proposal P40 (IS328): Electrical activation of Dopant atoms in the II-VI materials M-X (M = Zn, Cd and X = S, Se, Te) (Saarbrücken, Konstanz, Berlin, CERN Collaboration); CERN/ISC 96-14/P40 Add. 2; Th.Wichert.
10. Addendum to proposal P35 (IS325): Combined electrical, optical, and structural investigations of impurities and defects in wide-gap II-VI semiconductors (CERN, Berlin Humboldt-Universität, Berlin Technische Universität, Jena Collaboration); CERN/ISC 96-16/P35 Add.1; M.Wienecke.
11. Addendum to proposal P62 (IS342): Emission channeling studies on the lattice location of lithium, sodium and rare earth isotopes in semiconductors (Konstanz, Leuven, CERN, Durban-Westville Collaboration); CERN/ISC 96-13/P62 Add.1; U. Wahl.
12. Addendum to proposal P64 (IS343): Test of a high power target design; CERN/ISC 96-18/P 64 Add. 2 (CLRC, CERN, Brighton, Liverpool, Manchester, Surrey Collaboration); R.Bennett.

CLOSED SESSION: Monday 13 May, after the Open Session, 6th Floor Conference Room, Main Building, to be continued on Tuesday 14 May at 9.00 hrs, if necessary.

1. Introductory remarks by the Chairman.
2. Approval of the minutes of the last meeting.
3. Letter Of Intent: Odd-A Gadolinium sources for laser spectroscopy; CERN/ISC 96-10/I19; I.S. Grant.
4. Discussion on the open session.
5. A.O.B.

Monday 13 May & Tuesday 14 May

SECOND MEETING OF THE LHC MACHINE ADVISORY COMMITTEE

Monday 13 May

at 14.00 hrs - LHC Auditorium, bldg. 30/7th fl.

Open Session

- | | | |
|-----------|-----------------|-----------------------------------|
| 14.00 hrs | S. Tazzari | General introduction |
| 14.15 hrs | L. Evans | Current status of the LHC project |
| 15.15 hrs | J.-P. Koutchouk | Optics developments |
| 16.50 hrs | J. Gareyte | Tracking and dynamic aperture |

Tuesday 14 May

at 09.00 hrs - LHC Auditorium, bldg. 30/7th fl.

- | | | |
|-----------|----------------|----------------------------|
| 09.00 hrs | J.B. Jeanneret | Collimation, beam cleaning |
| 09.45 hrs | T.M. Taylor | Interaction region design |
| 10.35 hrs | F. Ruggiero | Multi-bunch instabilities |
| 11.00 hrs | D. Boussard | RF, feedback |
| 12.00 hrs | P. Proudlock | Powering |

13.50 hrs	L. Coull	Quench protection
14.35 hrs	R. Perin	Magnet status report
15.20 hrs	P. Faugeras	Planning and logistics
16.05 hrs		End of session

Tuesday 14 May

ISOLDE WORKSHOP

at 09.00 hrs – Conf. room, bldg 31 / 3-005

Morning session

G. Huber	Welcome
R. Ammerlaan	Defects in Semiconductors
A. Müller	News from GANIL
P. Jackson	ISAC at TRIUMF
J.A. Pinston	Status and Perspectives of PIAFE
P. Egelhof	Radioactive Beam Reactions in Inverse Kinematics

Afternoon session

M. Leino	Nuclear Structure Experiments at the Gas Filled Separator RITU
M. Huyse	Fine Structure in the Alpha Decay of Rn Isotopes
K. Riisager	Beta Decays of the Neutron Drip Line, Results for ^{11}Li
G. Huber	Isotopic Shift Measurements of Neutron-Rich He and Li Isotopes
A. Garcia	Future Weak Interaction Studies at ISOLDE

EDUCATION SERVICES EDUCATIFS



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Formation en Management et en Communication Management & Communication Training

Il reste quelques places disponibles pour les séminaires suivants:

There are still a few places free for the following seminars :

Making presentations
13, 14 May & 17 June 1996

**Information sur les services administratifs et logistiques
du CERN / Information on CERN
administrative & support services**
21, 22 mai / 21, 22 May 1996

Si vous désirez participer à un de ces séminaires, contactez nous rapidement

If you are interested in participating in one of these seminars, please contact us as soon as possible.

POUR INFORMATION / FOR INFORMATION

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Wednesday 8 mai

SEMINAR ON PARTICLE PHYSICS

at 17.00 hrs – Auditoire Stuckelberg

Excited Beauty - more than just spectroscopy

by Dr. Robert Kowalewski/DPNC, Université de Genève

The discovery of strongly decaying B hadrons, the so-called B** will be reviewed and the present status of the measurements summarized. The B** system allows tests of Heavy Quark Effective Theory. In addition, these states, and more generally correlations between the b quantum number of a hadron and the charges of pions produced in the fragmentation process, may play an important role in flavor tagging for measurements of CP violation in the B sector.

LAPP

Laboratoire d'Annecy de physique des particules

Chemin Bellevue

F-74000 ANNECY-LE-VIEUX

Vendredi 10 mai

SÉMINAIRE

AUDITORIUM DU LAPP - 14h04

"Recherche de nouvelles particules au LEP à 130 GeV"

par Andrea TROMBINI (LAL ORSAY)

ACADEMIC TRAINING ENSEIGNEMENT ACADEMIC

F. Benz Secretariat ☎ 3127

Information about lectures on WWW:
<http://www.cern.ch/Training/>

LECTURE SERIES

6, 7, 8, 9 & 10 May

11.00 to 12.00 hrs – Auditorium

Higgs and Supersymmetric Particle Physics at LEP2

by M. Carena, CERN-TH

In these lectures I review the prospects for Higgs and Supersymmetric particle physics at LEP2. I discuss the theoretical aspects and the phenomenology of Higgs bosons within the Standard Model (SM) and the Minimal Supersymmetric Standard Model (MSSM). The discovery limits for Higgs particles in the LEP2 energy range are summarized. In the framework of the MSSM, I present an analysis of the expected signals and the detection possibilities for charginos, sleptons, stops and neutralinos at LEP2.