



Information sur les cours, dates et places disponibles sur WWW:
Information about the courses, dates and places available on WWW :
<http://www.cern.ch/Training/>

ACADEMIC TRAINING LECTURE SERIES

2, 3, 4 June

from 11.00 to 12.00 hrs – Auditorium, bldg 500

Mathematica

by J. McLOON / Wolfram Research Europe Ltd, UK &
B. AUTIN / PS Division

Scientific Computing : The Mathematica 4.0 Approach (J. McLoon - 2 June)

The first lecture will give participants an insight into the background, purpose, design and future direction of the Mathematica technical computing system.

Intended for those with little or no hands-on-experience of Mathematica, the talk will include a diverse collection of examples from simulation and high-level computation to data analysis and technical publishing. These will illustrate the application and benefits of using the system from the start to the end of scientific projects.

Advanced Topics in Mathematica 4.0 (J. McLoon - 3 June)

The second lecture will look in detail at advanced issues involved in the design and more sophisticated usage of the Mathematica technical computing system. Intended for both

the Mathematica user and non-user, the following topics will be discussed :

- Use of the Mathematica programming language on a diverse collection of objects including algebra, typesetting and documents.
- Subtle problems with numeric computation and their potentially disastrous consequences, including an examination of the tools available in Mathematica to overcome them.
- Problems associated with technical publishing and solutions offered by Mathematica and the new web standard MathML.

Mathematica for physics (B. Autin - 4 June)

By studying the specific example of a telescope, it will be shown how the various features of *Mathematica* can be combined in a friendly and efficient way. Existence conditions and analytical expressions can be derived for a thin lens model using symbolic techniques. Operating diagrams are drawn using the graphics facilities. Functions of X^2 type can be numerically minimised to obtain the real thick lens telescope. The results are then encapsulated in a function whose arguments are the parameters of the telescope and the function is added to a package (*BeamOptics*) that can be called in a standard way by any user. This technique will be repeated for other applications such as special relativity or the post processing of numerical files generated by codes such as *Fluka* or *MAD*.

INFORMATIONS GENERALES GENERAL INFORMATION

TRAVAUX SUR LES CABLES TELEPHONIQUES

Des travaux seront exécutés sur les connexions téléphoniques des bâtiments suivants :

10 - 9 - 250 - 109 - 358 - 16 - 17 - 15 - 22 - 204 - 102 - 24 - 23 -
167 - 25 - 166 - 70 - 173 - 19 - 18 - 20 - 21 - 580 - 2008 - 2002 -
174 - 576 - 579 - 176 - 104 - 55 - 544 - 13 - 57 - 120 et 14.

le 05/6/99, entre 06.00 et 17.00 heures.

Il y aura des perturbations dans les communications téléphoniques de ces bâtiments pendant cette période. Un service qui serait sérieusement perturbé par ces travaux est prié d'appeler le 163300 ou le 160036.

Le Service Téléphone regrette ces inconvénients et vous prie d'accepter ses excuses !

Service Téléphone du CERN

TELEPHONE CABLE INTERVENTION

Work is being carried out on the telephone cables to the following buildings

10 - 9 - 250 - 109 - 358 - 16 - 17 - 15 - 22 - 204 - 102 - 24 - 23 -
167 - 25 - 166 - 70 - 173 - 19 - 18 - 20 - 21 - 580 - 2008 - 2002 -
174 - 576 - 579 - 176 - 104 - 55 - 544 - 13 - 57 - 120 et 14.

on 05/6/99, between 06.00 et 17.00 hours

Telephone interruptions to and from these buildings will be unavoidable during this period and any service being seriously inconvenienced by this work is kindly requested to call 163300 or 160036.

Please accept our apologies for the inconvenience the work may cause !

CERN Telephone Service

INFORMATIONS BANQUE UBS

Ces dernières semaines, UBS SA a réuni l'ensemble des comptes de ses clients sur une plateforme informatique commune.

Malgré sa complexité et son ampleur, cette opération a connu un taux de réussite très élevé.

Nous avons malheureusement rencontré plus de difficultés pour intégrer les nombreuses conditions préférentielles dont bénéficient les membres du CERN.

Afin de respecter nos engagements nous nous employons à effectuer les corrections nécessaires, en particulier : les programmes des distributeurs de billets permettront d'offrir le taux de change propre au CERN d'ici la fin du mois, les intérêts servis sur les comptes personnels seront, le plus rapidement possible, ajustés et recalculés au taux convenu avec le CERN.

Nous regrettons profondément les difficultés auxquelles vous avez été confrontés et tenons à vous présenter nos plus sincères excuses.

Nous sommes certains que la situation, nous en convenons non satisfaisante, vécue actuellement par nos clients du CERN, s'améliorera très prochainement et vous assurons que nous mettons tout en oeuvre pour y parvenir le plus rapidement possible.

UBS SA
Succursale du CERN

UBS INFORMATION

These last weeks, UBS AG has gathered all the accounts of its clients into a sole data processing system.

Despite the complexity and extent of this operation, a very high success rate has been experienced.

Unfortunately, we have been confronted with specific difficulties when embedding the various preferential conditions granted to CERN members.

In order to meet our undertakings, we are working on executing the necessary modifications. In particular, by the end of the month latest, the cash dispenser machine programs will enable the CERN preferential exchange rate to be offered.

The interests paid on personal accounts will be, as soon as possible, adjusted and re-calculated in accordance with the rate agreed with CERN.

We deeply regret the inconveniences you have suffered and for which we would like to sincerely apologize.

We are confident that the present unsatisfactory situation endured by our CERN clients will very shortly improve and assure you that we are doing our utmost to come back to normal as soon as possible.

UBS AG

INVITATION TO PERFORM Y2K TESTING UNDER UNIX

Introduction

A special AFS cell 'y2k.cern.ch' has been established to allow service managers and users to test y2k compliance.

In addition to AFS, the cluster consists of machines representing all the Unix flavours in use at CERN (AIX, DUNIX, HP-UX, IRIX, LINUX, and SOLARIS).

More information can be obtained from the page: <http://wwwinfo.cern.ch/pdp/bis/y2k/y2kplus.html>

Testing schedule

The cluster will be set to 25 December 1999 on fixed days and then left running for three weeks. This gives people one week to prepare test programs in 1999 and two weeks to check the consequences of passing into year 2000. These fixed dates are set as follows:

- 19 May 1999, date set to 25/12/99 (year 2000 starts on 26 May)
- 9 June 1999, date set to 25/12/99 (year 2000 starts on 16 June)
- 30 June 1999, date set to 25/12/99 (year 2000 starts on 7 July)

If more than these three sessions are needed an announcement will be made later.

Registration

The following Web page should be used for registration: <http://wwwinfo.cern.ch/support/survey-info/y2kreg>

By registering your name and mail address on this page, you will be given a user-id on the first day of each test period. The userid will be valid for the corresponding period and will then be taken away for new usage. If you don't complete your tests in one cycle and wish to retain your account and the files in it, you must reissue the request via the registration web page.

Environment

The machines all run Y2K-compliant versions of the operating system. There is a reasonable amount of disk space in the y2k cell for home directories. Users can only access what is world-accessible in their real afs directories in the CERN cell. File copying is therefore recommended (also to avoid that the y2k-testing alters real production files or products).

Note that LSF will only be available as of the second session (starting 9 June). Tape access must be requested explicitly (on the Web page) as of this session.

The latest news, related to the test environment, will be posted on the Web pages mentioned above.

For PCs and Macs

Please refer to the IT Y2K page for further information: http://nicewww.cern.ch/~sverre/Y2K_IT_Division.html

Sverre Jarp
CERN Y2K co-ordinator (phone 74944)

CENTRALE D'ACHATS

Suite à l'article paru dans le bulletin no 18/99 du 3 mai 1999, nous vous informons que les personnes suivantes de la société LOGITRADE peuvent être contractées par téléphone au 72280 ou 74006, par fax au 767 9490 (bâtiment 73, 3e étage):

- Mme Alexandra BARTHOULOT
- Mr Joël TREPIER
- Mr Jean CAZAL

D'autre part, nous souhaitons souligner que l'activité de la Centrale d'Achats est uniquement basée sur les achats de fournitures et non pas de services.

I. Mardirossian
SPL, Service des Achats

DÉGAGEMENT DE LA SALLE D'ARCHIVAGE DE BANDES MAGNÉTIQUES (BÂTIMENT 186)

La salle d'archivage de bandes magnétiques est en cours de déblaiement pour faire place à l'installation silicium pour les expériences du LHC.

Des contacts ont été pris avec les responsables des expériences en février, en vue soit de la conservation prolongée soit de la destruction des volumes archivés. Ceux qui n'auraient pas encore fait le nécessaire sont priés de s'adresser immédiatement à R. Minchin/IT.

C'est également l'occasion de débarrasser le site des bandes ou cartouches inutilisées et de procéder à leur destruction écologique. Pour convenir de leur collecte, ep-smi.helpdesk@cern.ch.

A.E. Ball/EP-SMI

ACCÈS AU BUREAU INFORMATIQUE D'AIDE AUX UTILISATEURS

La façon de joindre le bureau informatique d'aide aux utilisateurs ("Computing Help Desk", connu aussi sous l'appellation "UCO" et établi par la division IT comme point d'entrée général pour toutes questions informatiques) a été améliorée et devrait être facilitée. Un nouveau numéro de téléphone et nouvelle adresse électronique, que nous pensons plus faciles à retenir, ont été établis comme suit:

Téléphone: 78888

e-mail : helpdesk@cern.ch

Ces deux nouvelles coordonnées sont opérationnelles depuis le mois de décembre dernier. Les numéros de téléphone et adresse précédents sont toujours valables et sont devenus des synonymes pour les nouveaux. Cependant nous vous invitons à utiliser les nouvelles coordonnées dès maintenant et selon votre convenance. Pour plus d'informations veuillez vous référer à l'article publié dans le "CERN Computing Newsletter" no 233:

http://consult.cern.ch/cnl/233/art_uco.html

N'hésitez pas à nous contacter (par courrier: User.Relations@cern.ch) si vous voulez plus d'informations ou pour tout commentaire éventuel sur cette question.

Nicole Cremel, Miguel Marquina, Roger Woolnough
IT/User Support

BUYING AGENT

Further to the article published in the Weekly Bulletin no 18/99 on May 3, 1999, please be informed that the following persons from the Company LOGITRADE can be contacted at the phone numbers 72280 or 74006, at the fax number 767 9490 (Building 73, floor 3):

- Mrs Alexandra BARTHOULOT
- Mr Joël TREPIER
- Mr Jean CAZAL

We would furthermore like to stress that the work of the Buying Agent is concerned solely with the purchase of supplies, not of services.

I. Mardirossian
SPL, Purchasing Service

CLEARANCE OF ARCHIVE TAPE VAULT BUILDING 186

The archive tape vault is being cleared to make way for the LHC experiments' silicon facility.

Experiments were contacted in February to arrange for the extended storage or destruction of archived volumes. Any who have not yet done so are asked to contact R. Minchin/IT immediately.

This is also an opportunity to clear unused tapes or cartridges from around the site and have them destroyed ecologically. Please contact ep-smi.helpdesk@cern.ch to arrange for collection.

A.E. Ball/EP-SMI

REACHING THE COMPUTING HELP DESK

The way to contact the Computing Help Desk (also known as "UCO" and hosted by IT Division as an entry point for general computing issues) has been streamlined in order to facilitate access to it. A new telephone line and email address have been set:

Phone number: 78888

Email: Helpdesk@cern.ch

hopefully easier to remember. Both entries are operational since last December. The previous number and email address remain valid and have been turned into aliases of the above. However we encourage to use the latter at your convenience from now on. For additional information please see the article published at the CERN Computing Newsletter 233:

http://consult.cern.ch/cnl/233/art_uco.html

Do not hesitate to contact us (by email to User.Relations@cern.ch) for additional information or feedback regarding this matter.

Nicole Cremel, Miguel Marquina, Roger Woolnough
IT/User Support