

EDUCATION SERVICES EDUCATIFS

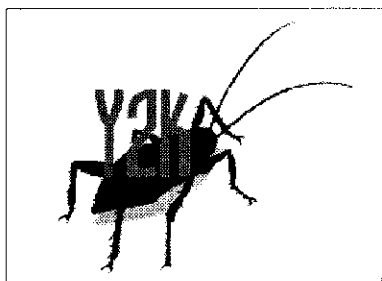


Information sur les cours, dates et places disponibles sur WWW:
Information about the courses, dates and places available on WWW :
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ENSEIGNEMENT ACADEMIQUE ACADEMIC TRAINING

F. Benz Secretariat ☎ 73127
francoise.benz@cern.ch

INFORMATIONS GENERALES GENERAL INFORMATION



Y2K UPDATE

Concerning Y2K preparation, please note the following:

Everybody, who has a NICE installation on his/her PC, needs to log in to NICE at least once before Xmas to get the Y2K update installed. **This applies especially to dual boot systems.**

The test schedule on Y2Kplus.cern.ch will be prolonged. The last restart took place on 10 November and two more will take place on 24 November and 8 December, respectively.

The Oracle users responsible for the maintenance of Oracle Forms applications which include PL/SQL blocks where date fields are handled with the default format are requested to contact oracle.support@cern.ch at their earliest convenience.

Sverre Jarpe
(CERN Y2K co-ordinator, phone: 74944)

ACADEMIC TRAINING

LECTURE SERIES FOR POSTGRADUATE STUDENTS

22, 23, 24, 25 & 26 November

from 11.00 to 12.00 hrs – Auditorium, bldg 500

Standard Model Physics

by G. ALTARELLI / CERN-TH

Introduction. Structure of gauge theories. The QED and QCD examples. Chiral theories. The electroweak theory. Spontaneous symmetry breaking. The Higgs mechanism. Gauge boson and fermion masses. Yukawa couplings. Charges current couplings. The Cabibbo-Kobayashi-Maskawa matrix and CP violation. Neutral current couplings. The Glashow-Iliopoulos-Maiani mechanism. Gauge boson and Higgs couplings. Radiative corrections and loops. Cancellation of the chiral anomaly. Limits on the Higgs mass. Comparison with experiment. Problems of the Standard Model. Outlook.

COMPUTING SERVICES DURING THE ANNUAL CERN SHUTDOWN

CERN will close on Friday 17th. December at 17:30, and will reopen on Monday 3rd January at 08:30.

As in recent years the Computing Services provided by IT Division will remain available as of Friday 17th at 17:30 but **running unattended**. The exceptions are the database and dedicated engineering services, which will not be available following agreement with their user communities.

This year, however, is rather special because of the Y2K issue and as such **an interruption is scheduled**.

This was decided in order to ensure that services are not affected by any unforeseen Y2K bugs at a time when support is not easily available, and to ensure that all systems can be started cleanly in the year 2000.

All user services will be closed at 18:00 on Wednesday 29th December after which backups will be taken overnight, then checked and the systems closed down. NO Computing Services will be available again until CERN reopens at 08:30 on Monday 3rd January. The only exceptions are the networking infrastructure, and the email gateway servers to ensure that no incoming mails are lost.

The systems themselves will be restarted and checked out during Sunday 2nd January in order that services will be available as scheduled when CERN reopens. While all precautions have been taken and possible problems anticipated one never knows and of course this year there are extra risks.

During the **"running unattended"** period (17th-29th Dec) there is no guarantee that any problems that may arise will be resolved and we cannot guarantee backups for Home Directory files and mailboxes, for either Unix or PC users. Changes that you may make to your files during this period therefore may be lost in the event of a disk failure.

However, there will be limited operator coverage during this period and users should call the operator (75011) or send an E-mail to Computer.Operations@cern.ch if they encounter problems. An answering machine will respond during times when no operator is present. Users who suspect a problem with networking equipment should call Network Operations (74927).

Service information will be viewable (as now) at: <http://tvscreen.cern.ch/>