

SEMINARS SEMINAIRES

Pour de plus amples informations, prière de consulter
For full information on these seminars, please see
<http://wwwas.cern.ch/Bulletin/Seminars/current.html>

IT TRAINING PROGRAMME IN AUGUST

Our Training Programme continues in August 1997 with a series of UNIX-related topics.

In order to continue to schedule tutorials on the subjects you want, we have prepared a short questionnaire which we would like you to fill in and return to us. You will find a pointer to this questionnaire in our Training Web Page at URL:

<http://wwwinfo.cern.ch/support/training>

Please help us by answering this questionnaire, or send your suggestions to the following address:
IT-Training.Service@cern.ch

Miguel Marquina, Raul Ramos-Pollan
User Support - IT Division

Tentative Schedule

Tue, Aug 19 Introduction to Java

Fri, Aug 22 Introduction to Perl 5

Tue, Aug 26 Introduction to Emacs

Please check the weekly schedule at every bulletin for more information

Tuesday 19 August

IT TRAINING TUTORIAL

14.00-16.00 hrs – IT Auditorium, bld. 31/3-004

Introduction to Java

by Nicole CREMEL / CERN-IT

JAVA is quite a new programming language which is still under development by Sun Microsystems and its derived software development group, JavaSoft. In a few words JAVA is described by its adepts as a simple, portable, fully Object-Oriented, distributed language, still containing high level features. One other particularity of JAVA is that it is very well integrated in the World Wide Web. For all these reasons, the JAVA language is becoming quickly very popular.

This tutorial is only intended to give a very first approach of what is the JAVA programming language and an overview of what the Java Development environment consists of.

Wednesday 20 August

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Topological mechanism of superconductivity

by P. WIEGMANN / Chicago

I outline the basic ideas of the topological mechanism of superconductivity - a new mechanism of superfluidity developed in the last decade. It occurs in topological fluids where an electron is bound to a topological soliton and carries a topological charge. Examples of topological fluids in one (ideal Frohlich conductor), two (anyons) and three spatial dimensions will be discussed.

Friday 22 August

IT TRAINING TUTORIAL

10.00-12.00 hrs – IT Auditorium, blb. 31/3-004

Introduction to Perl

by Lionel CONS / CERN-IT

Perl (the Practical Extraction and Report Language) is a public domain, interpreted language that is available on all UNIX systems as well as on VMS, Windows 95/NT, MacOS...

It is very powerful and popular for system administration tasks and CGI(WWW) programming.

The presentation will try to describe with several examples what Perl is, what it can do and what it is good at.

Although there are no real prerequisites some knowledge of UNIX, C or shell programming would help...

Monday* 25 August

CERN COLLOQUIUM

at 16.30 hrs – Auditorium**

The stratospheric ozone hole : a man-caused chemical instability

by Paul J. CRUTZEN / Max-Planck Institute for Chemistry, Mainz; Nobel Prize for Chemistry 1995.

The discovery of the spring time stratospheric ozone hole by scientists of the British Antarctic Survey, led by Joe Farman, was one of the greatest surprises in the history of the atmospheric sciences and global change studies. After intensive research efforts by many international scientific teams it has clearly been demonstrated that the observed rapid ozone depletions are due to catalytic reactions involving ClO radicals, more than 80% of which are produced by the photochemical breakdown of the industrial chlorofluorocarbon (CFC) gases. In this lecture I will present the course of events leading to the rapid ozone depletions. International agreements have been reached to forbid the production of the CFC gases. However, despite these measures, it will take almost 50 years before the ozone hole will have disappeared. I will also show that mankind has indeed been very lucky and that things could have been far worse.

* Please note unusual day

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

Tuesday 26 August

IT TRAINING TUTORIAL

14.00-16.00 hrs – IT Auditorium, bld. 31/3-004

Introduction to Emacs

by Philippe DEFERT / CERN-IT

Wednesday 27 August

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference room

**New Phenomena in Four-Dimensional
Supersymmetric Gauge Theories**

by Mike DOUGLAS / Rutgers University

Thursday 28 August

SL SEMINAR

at 16.00 hrs – SL Auditorium, Prévessin, bldg. 864

Future Hadron Colliders

by Eberhard KEIL / CERN-SL

INFORMATIONS GENERALES GENERAL INFORMATION

AUX UTILISATEURS DE LA MESSAGERIE VOCALE

Pour informer vos correspondants de votre absence prolongée et éviter le blocage de votre messagerie par saturation, nous vous invitons à suivre les instructions qui figurent au dos de votre guide vert :

- Ouvrir votre messagerie : 72255 puis votre mot de passe
- Composer le 4 (Option personnelles dans le menu principal)
- Composer le 3 (Message d'accueil dans le menu option)
- Composer le 2 (Absence prolongée dans le menu d'accueil)
- Entrez votre message d'absence, terminez par #

Vos correspondants pourront ainsi écouter votre message mais ne pourront pas déposer le leur.

Service Téléphone

TO VOICEMAIL USERS

In order to tell your correspondants that you will be away for some considerable time and to prevent your voicemail station from becoming saturated, we invite you to follow the instructions on the back of your green guide :

- Open your voicemail : 72255 then your password
- Press 4 (personal options in the main menu)
- Press 3 (reception message in the option menu)
- Press 2 (prolonged absence in the reception menu)
- Enter your absence message, followed by #

Your correspondents will be able to listen to your message but not leave their own.

Telephone service