

77/90 and, secondarily, to C. The role of existing and future standards, the integration of specific tools with compilers, the various approaches to improve performance will be discussed with an emphasis on how this is visible to the user.

Irene Qualters has worked with CRI for 15 years, primarily in compilers, basic math functions and run-time libraries. For the last 3.5 years, she has been head of compilers at Cray. Currently she is on sabbatical leave at ETH working on Maple, a symbolic computational language. In December she will return to the USA to head the software division of Cray.

Monday 18 November

AC SEMINAR

at 11.00 hrs – SL Auditorium
bldg 864, 1st floor

The LHC RF System

by D. BOUSSARD / CERN-SL

Transient beam loading effects dominate the design of the LHC RF system; this leads to the choice of superconducting cavities with the highest possible stored energy. The installed RF power is determined by the need to handle the strong LHC beams (2×0.85 A each). A technique will be presented which reduces that power to levels compatible with the present RF window performance. The main 400 MHz RF system will be complemented by wideband feedback cavities necessary to damp injection errors and coupled bunch longitudinal instabilities.

Tuesday 19 November

AS SEMINAR

at 11.00 hrs – Council Chamber

ALICE Library System

Presentation of new version 3

by Mogens SANDFAER / CERN AS-SI

Tuesday 19 November

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

A new look at the X-ray sky with ROSAT

by J. TRUMPER / Max Planck Institut / Garching
bei Munchen

Wednesday 20 November

CERN COMPUTING COLLOQUIUM

at 16.30 hrs – Auditorium

Software Quality Control

by Marco MAIOCCHI / University of Milan

Thursday 21 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

High energy neutrino astronomy

(A review of their sources and methods of detection)

by V.S. BEREZINSKY / INFN, Laboratori
Nazionali del Gran Sasso & Institute of Nuclear
Research, Moscow

TRAINING AND EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING

Tel. 2844

Lectures series for Postgraduate students

14, 18, 19, 20 & 22 November

10.30-12.00 hrs – Auditorium

QCD

by J. STIRLING / Science Laboratory Durham

ENSEIGNEMENT GENERAL

Tél. 5811

Jeudi 14 novembre

de 13.00 à 13.30 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

EDUCATION SERVICES

French courses

Secretariat (afternoons only) : 3127

ORAL COMPREHENSION COURSES

These courses are designed for non-French speakers with an intermediate level of French.

The aim of these courses is to improve listening and understanding skills.

The students first watch the news and then complete a worksheet prepared by the teacher. At the beginning of each lesson, the teacher gives explanations to enable the students to work on their own. The worksheet will be corrected for the next lesson.

Duration

2 weeks of 4 sessions per week, each lasting 1h1/2.

Price

SwFr. 240.--

Date of the first course

2 December - 12 December

Monday, Tuesday, Wednesday, Thursday
12.30 to 14.00 hrs

Others courses will take place depending on the demand as from January .

Name :

Division:

First name:

tel:

Preferred month :

Please return this slip by 19 November (deadline for the first course) to the Language Courses Secretariat.



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

☎ 44.60

eductech@cernvm

Technical Seminar

December 16-17-18, 1991

9 h.00 - 17 h.30

OracleCard for developers

Oracle Corporation UK Ltd

OracleCard is a tool to develop Oracle applications on Macintoshes or PC compatibles (Windows 3). CERN owns a site licence for this tool. The seminar is aimed at application developers or technical end-users who wish to build complete applications.

The following topics will be covered by the seminar :

- What is OracleCard, terminology and navigation, using a simple application
- Building a standard application using the stack builder
- Fields , buttons, background and cards attributes (types, characteristics, creating, copying and modifying, information dialog box)
- Stack attributes (Home stack, environment features, navigation, protection, dialog box)
- Importing and creating graphics
- Using the Query builder and the Table builder
- Introduction to Oracle Talk
- Examples and uses of scripts
- Introduction to Oracle Access
- Converting HyperCard to OracleCard applications

A good knowledge of relational concepts and the SQL language will be assumed. Familiarity with MS-Windows or Macintosh environment is necessary. This first session will be given on Macintosh. Further sessions could be organized on Macintoshes or PC compatibles if necessary. Please indicate on the application form the type of machine used.

A financial contribution of SF 600,- per person will be charged to the divisions.

Those who would like to apply should fill in an "Application for Training" form which may be obtained from the Divisional Secretariat, the Divisional Training Officer (DTO) or the Technical Training Secretariat.

Ce séminaire peut également être donné en français, toutefois toute la documentation distribuée est en langue anglaise. Prière d'indiquer la langue souhaitée sur la "Demande de formation".