

ard carries 2 Megabytes of memory and has a peak arithmetic rate of 20 Megaflops, giving the total machine a peak of over 11 Gigaflops. These floating point processors are interconnected by a non-blocking switching network. At each machine cycle, any of 1024 preselected permutations of data can be realized among the processors. The main intended application of GF11 is a class of calculations arising from quantum chromodynamics.

Monday 3 November

EP SEMINAR

at 16.30 hrs – Auditorium

Recent results on Ξ^* and Ω^* states from the SPS hyperon beam

by K. RAGAN / University of Geneva

Tuesday 4 November

EXPERT SYSTEMS SEMINAR

at 10.00 hrs – DD Auditorium
bldg 31, 3-005

The UNL Logic Programming Group and its research

by Miguel CALEJO / Grupo de Programação em Logica, Universidade Nova de Lisboa

Tuesday 4 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Production and decays of heavy quark bound states

by Kay KÖNIGSMANN / Universität Würzburg, Germany and Deutsches Elektronen-Synchrotron DESY, Germany

Wednesday 5 November

DD SEMINAR

at 16.00 hrs – DD Auditorium
bldg 31, 3-005

Super computing at Cray Research

by Philippe DEFORCRAND / Cray Chippewa Falls, Wisconsin

Friday 7 November

CERN COLLOQUIUM

at 16.00 hrs – Council Chamber

Retrospective on the achievements of Louis Dick on the occasion of his 65th birthday

by V.L. TELEGDI, L. DI LELLA,
G. von DARDEL and W. KUBISCHTA

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 30 octobre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-3364

29, 30 et 31 octobre

11.00 à 12.00 h – Amphithéâtre

Introduction à la robotique (in French)

par A. FOURNIER / Université du Languedoc

3, 4, and 5 November

11.00 to 12.00 hrs – Auditorium

Future colliders – physics and machines

by C.H. LLEWELLYN SMITH / University of Oxford

The lectures will contain

- a) *an overview of what might be learned from experiments at future e^+e^- , pp and ep colliders;*
- b) *a review of limitations on circular and linear colliders; and*
- c) *a description of some novel ideas for acceleration.*

The discussion of physics will be aimed at accelerator physicists from the point of view of an amateur and will be aimed at experimenters and theorists with little or no knowledge of accelerators.

Mardi 4 novembre

LES SCIENCES AUJOURD'HUI

à 20.00 h précises – Auditorium

(jusqu'à environ 22.00 h)

par R. CARRERAS

Rafel Carreras, responsable du programme d'Enseignement général au CERN, commentera et expliquera un choix d'articles parus récemment dans des revues scientifiques, et qui couvrent l'ensemble des sciences physiques et biologiques ainsi que certains aspects des relations science-société. Une attention particulière est portée au langage et aux notions utilisés afin que les explications et les commentaires soient accessibles aux personnes n'ayant pas de formation scientifique.

Entrée libre

(Please note that the lecture will be given in FRENCH)

Service des Relations Publiques
Tél. 2722

INFORMATICS TUTORIAL 1986-4

Six half days between
Monday 10 and Thursday 13 November

C for programmers

by Dietrich WIEGANDT / CERN, Data
Handling division

Presentation

Until a few years ago, the programming language C was known to a limited group of people – the UNIX wizards – because UNIX is written in C. With the increasing popularity of UNIX, C is receiving more attention as a general purpose programming language. C compilers and the associated runtime libraries are available for a wide spectrum of machines, ranging from microprocessors to main frames.

This tutorial attempts to present the language systematically, yet informally. Participants are expected to have some experience in high level language programming.

Topics

1. basic elements of the language
2. structured data types, pointers and functions
3. the C programming environment

Course profile

The course consists of three half-day theory sessions complemented by three half-day sessions devoted to hands-on experience. A basic knowledge of UNIX and of one of its editors is recommended.

Material

Participants will receive a copy of 'A Book on C' by A. Kelley and I. Pohl, copies of the transparencies used for the lectures, and material for the exercises.

Registration

This is a repetition of the course which took place in the spring of this year. Only a few free places are left. For more information and to register, please send a note to Jean-Louis Penaud / DD.

About the lecturer

Dietrich WIEGANDT is a Senior system programmer in the Software group, Data Handling division. Physicist by education, he had already converted to informatics before coming to CERN in 1970. He worked on systems programming and networking in the OMEGA project, implemented CERNET on the IBM main frames, and since 1982 has been concerned with applications of UNIX systems at CERN.

INFORMATIONS GENERALES GENERAL INFORMATION

PROCHAIN CONCERT

Vendredi 7 novembre 1986 à 20 h

Grand Auditorium du CERN

American String Quartet

Programme:

J. Haydn	Quatuor op. 54, n° 2, en do majeur
A. Webern	Cinq Pièces
F. Schubert	Quatuor en ré mineur, «La jeune fille et la mort»

Billets: Fr.13.- en vente uniquement le soir du concert dès 19h en fonction des places disponibles

N.B. Le nombre de places dans l'Auditorium étant limité, les abonnés susceptibles de ne pas venir à ce concert sont priés de le faire savoir, afin que d'autres personnes puissent bénéficier de leur place, en téléphonant à G. Adam/SPS, tél. 4813, recherche 13-4006. Merci.

A VENDRE AUX DIVISIONS

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1 fileteuse
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R. Gruaz – tél. 5782 ou bip 6207