

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 29 octobre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-3364

27, 28 & 29 October

11.00 hrs to 12.00 hrs – *LEP Auditorium*

bldg 30, 7th floor

Applications of synchrotron radiation

by W. STEINMANN / University of Munich

3, 4, 5 & 6 November

11.00 hrs to 12.00 hrs – Auditorium

Biophysics of human energetics

by P. CERRETELLI / Département de
Physiologie, CMU, Genève
& P.E. DI PRAMPERO / University
of Udine

1. *Bioenergetics of muscular exercise*
by P. Cerretelli
2. *Biomechanical and bioenergetic aspects of exercise in man*
by P.E. di Prampero
3. *An energetic analysis of world records in athletics*
by P.E. di Prampero
4. *Environment and human performance*
by P. Cerretelli

In the course of 4 lectures, the main aspects of human energetics will be reviewed, with particular reference to the nature and role of the energy sources for muscle contraction, to the biomechanical and bioenergetic aspects of physical exercise, to the physiological basis of the world records in athletics and to the adaptations of working man to unusual environments.

Mardi 3 novembre

LES SCIENCES AUJOURD'HUI

à 20.00 h précises – Amphithéâtre

(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 1987-2

Announcement

Lecturer

Giorgio HEIMAN, External Networking section,
Communications Systems group, DD Division, CERN

Subject

Practical DECnet management

Time

Monday 9 November 1987 from 09.00 to 12.00 hrs and
from 14.00 to 17.00 hrs.

Presentation

An increasing number of isolated VAXes are required to be connected together in a DECnet network to better accomplish their functions in the truly distributed environment required by the present generation of High Energy Physics experiments : the installation of DECnet is somehow 'imposed' by events. Although the system may be functioning properly for some time, even a minor change might cause a disruption and a major crisis occurs : the fault cannot be properly diagnosed and handled correctly. This is due to the fact that suddenly the system manager has become a 'network manager' too. The trouble is that most of the time he/she has not been trained properly, nor had enough time to be prepared to cope with the new job and responsibilities.

Although some parts may be of general interest the course is really targeted to VAX/VMS DECnet management.

Audience

Emphasis will be given to trouble-shooting in a 'distributed management environment' like CERN. This is why **VAX/VMS System Managers of machines installed at CERN are strongly encouraged to register**, in order to be capable of helping to optimize the overall management of our DECnet/Ethernet.

Prerequisites

A minimum of knowledge about DECnet usage and some experience as VAX/VMS System Manager is assumed. However, beginners that have installed DECnet on any kind of VAX are welcome too.

Topics

Overview of documentation. Initial operations. Nodes, lines, circuits, objects. VMS files and components, server processes and logical links. UAF and NETUAF. SYSGEN tuning. NCP commands. Routing. Monitoring and testing. How to make the best use of DECnet. Network security.

Material

Participants will greatly profit if they come with their personal copy of 'VAX/VMS Networking Manual', Order Nb. AA-Y512C-TE, (VMS 4.4, April 1986 or later). Some handouts will be distributed.

INFORMATIONS GENERALES GENERAL INFORMATION

REMINDER

COMPUTER CENTRE ACCESS CONTROL

Initially triggered by the top management of CERN for security purposes only, physical access control to the Computer Centre building has since become even more of a necessity with the arrival of the CRAY super-computer system in building 513.

Installation of a permanent badge-controlled access into the main computer centre hall and the 'barn' of building 513 is now in progress and is expected to be completed around October 23, 1987.

Access to the tape vault (basement of the computer centre building), the main reception area (paper output racks, self-user printers), the Computer Science Library and public terminal clusters will remain unrestricted 24 hours/day, 7 days/week for tape activities and user enquiries.

Access to the main computer hall will be granted to a very limited number of people.

As far as the 'barn' is concerned, access will be granted only to those people directly concerned with equipment in this area.

The system we shall use in DD will be compatible with the new 'high coercivity' magnetic access cards that are available CERN-wide now for LEP and some SPS and PS access control systems.

This system will be up and running by 2 November, the planned date of end of commissioning. This is the final notice.

As soon as people concerned above have obtained their standard CERN access card (bldg 33, D. CHERY, tel. 6622), they can contact J.C. Bourigault (3106) or Pluntke (13-5559) for proper validation of their card for the computer centre hall and the 'barn'. This exercise will take place from 19 October onwards.

J.C. Juvet / DD
Computer Operations

Registration

For more information and to register, please contact as soon as possible

E-mail :

INFOTUTO@CERNVM

(VMSMail :

VXGIFT::MINT%'INFOTUTO@CERNVM')

The lecturer

Giorgio Heiman joined DD in 1984. He is part of the team that is in charge of the coordination of the international High Energy Physics DECnet connecting more than 2000 nodes in Europe, USA and Japan.

TROUVÉ...

...une somme d'argent, lundi matin 19 octobre à 10.00 heures, dans le couloir reliant les bâtiments 100, 1 et 2.

Prière de la réclamer à Monsieur Michel Felmann, tél. 2347.

SERVICE TELEFAX DANS LE BUREAU DU TELEX

L'accès 'self-service' à l'appareil téléfax installé dans le bureau du Télex (bât. 58) ne sera plus disponible à partir du 1 janvier 1988. Il n'y aura pas d'exception. Ce service sera limité aux messages officiels rentrant au CERN.

Toutes les divisions ont déjà été informées de cette décision en septembre dernier afin de leur permettre d'installer des appareils téléfax où le besoin s'en ferait sentir.

Nous vous remercions de votre compréhension.

Service Téléphone et Télex
Division DD

TELEFAX SERVICE IN THE TELEX OFFICE

The self-service access to the telefax machine installed in the Telex Office (bldg 58) will be stopped, without exceptions, as of 1 January 1988. The machine will be limited to incoming official messages.

All divisions were informed of this decision last September, to enable them to order a telefax machine where necessary.

Thank you for your understanding in this matter.

Telephone and Telex Section
DD Division