

COMMUNICATIONS **OFFICIELLES**

Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après. La reproduction même partielle de ces informations par des personnes ou des institutions externes à l'Organisation exige l'approbation préalable de la Direction du CERN.

OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading. Reproduction of all or part of this information by persons or institutions external to the Organization requires the prior approval of the CERN management.

SUMMARY OF THE 24th MEETING OF THE ADVISORY COMMITTEE OF CERN USERS HELD ON 8 NOVEMBER 1985

Restructuring

ACCU took note of a presentation concerning the foreseen restructuring of the technical services, and was informed on ongoing discussions about a possible redeployment of resources in the scientific divisions. ACCU asked to be consulted if a more definite project should materialize. ACCU would like to caution against a restructuring which would disrupt the efficiency of the scientific divisions. ACCU felt strongly that any new structure should avoid an administrative separation of users and CERN research staff.

Services charged to users

ACCU requested that CERN management should consult ACCU before taking decisions and implementing measures leading to additional charges to the user community. ACCU recognized that charging for services improved responsibility, and suggested that a study should be made on possible compensation.

Restaurant opening hours

ACCU expressed its disappointment that the closing time was still 11 p.m. and reiterated that a closing time well after midnight (1 a.m.) should be reverted to.

Transport services

ACCU felt strongly that the existing arrangements for transport services outside regular working hours should remain unchanged.

Next meeting will be held on 18 February 1986.

SEMINARS **SEMINAIRES**

Tuesday 18 February

PRESENTATION

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

Future Motorola 32-bit VMEbus products and related software

by Hans-Peter HENKEL / VMEbus Marketing Manager, Motorola

Motorola's present and future 32-bit VMEbus product range will be presented. This includes enhanced CPU modules with the MC68020 microprocessor, MC68881 floating-point co-processor and the MC68851 memory management unit. Zero wait-state memory operation and multiprocessor facilities are stressed. Related developments in software, including RMS68K, will also be presented. The speaker will be available for informal discussions at 14.00 hrs in DD conference room no. 2, building 600.

This presentation replaces the one announced for 23 January which was cancelled.

Tuesday 18 February

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs – Auditorium*

PLEASE NOTE SPECIAL TIME!

Production of electron-positron pairs in nucleus-nucleus collisions

by P. KIENLE / Gesellschaft für Schwerionenforschung, Darmstadt

New sources of positrons have been discovered in collisions of nuclei with combined charges Z bigger than 160, at bombarding energies close to the coulomb barrier. One source of positrons, with a continuous energy spectrum, arises from the strong time dependent di-nuclear coulomb field, and its cross-section rises with a high power of Z . In the heaviest systems, lines with energies around 300 keV have been observed superimposed on this continuum. First results on the energy correlations of the electron-positron pairs may be interpreted as a neutral particle produced in heavy ion collisions.

* Tea and coffee will be provided at 15.30 hrs.

Wednesday 19 February

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

The structure and decays of the ρ

by P.J. O'DONNELL / CERN and University of Toronto

The $\rho(1440)$ and the $\rho(980)$ are two of the most curious of the known mesons. I shall discuss the structure and decays of the ρ in a model which allows for mixing of gluonium with quarkonium. The wave function of the ρ is shown to have a sizeable quark-antiquark component, with implications for the structure of the other light pseudoscalar mesons. The discovery of the ρ has brought with it a paradox which seems to require an understanding of the $\rho(980)$. A resolution of this paradox will be given.

Wednesday 19 February

DD SEMINAR

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

Computer networking research at the University of Helsinki

by Martti TIENARRI / Department of Computer Science, University of Helsinki

An overview of the current activities in academic computer networking in Finland as well as in other Nordic countries is given. This background helps to explain the goals and methods of an academic research project in computer networking. The project emphasizes formal specification and analysis of computer communication protocols. ISO's Estelle is currently used as the specification formalism. Therefore, an elementary introduction to the protocol modelling concepts in Estelle is attempted.

Lundi 24 février

PRESENTATION

de 09.00 à 12.00 h et de 14.00 à 17.00 h
bât. 13, 1-020 (DELPHI Green Room)

AMIGA au CERN

par Benjamin PFISTER / Commodore France

Présentation et démonstration du dernier né : AMIGA, équipé d'un Motorola 68000, multitâches, couleur, etc.

Renseignements : F. SALDANA / EP
Tél. 6256, ou Bip 7030

Monday 24 February

EP SEMINAR

at 16.30 hrs – Auditorium

Recent results on prompt electron production from DELCO at PEP

by Trivan PAL / Ca L Tech. and CERN

Results on the semileptonic branching ratios and fragmentation functions of charm and bottom quarks in

hadronic events from electron-positron annihilations at $\sqrt{s} = 29 \text{ GeV}$ will be presented. The data were obtained with the DELCO detector at PEP/SLAC.

Tuesday 25 February

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

Electron-positron annihilation in metals

by M. PETER / Geneva University

Wednesday 26 February

LEP SEMINAR

at 14.30 hrs – LEP Auditorium
bldg 30, 7th floor

Simulation of transverse instability in LEP

by D. BRANDT / CERN-LEP

TRAINING AND

EDUCATION

ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 20 février

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-3364

February 18, 19, 20

11.00 to 12.00 hrs – Auditorium

Heavy ions

A series of three lectures

*Lectures 1 & 2 : Theoretical considerations,
by L. VAN HOVE / CERN*

Lecture 3, by W. WILLIS / CERN

MC68020 PROGRAMMING COURSE

The CERN Inter-divisional Project for Microprocessor Support (PRIAM) is organising a course on MC68020 assembly-level programming. The course, which will be given by Motorola, Munich, on 17, 18 and 19 March, is aimed at those who already have a good knowledge of M68000 assembly-level programming. Application forms are available from C. ECK / DD Division, tel. 4260.