

Organisation: Package Development Section, User Support Group, DD Division, CERN

Title: **PAW, The Physics Analysis Workstation**

When: Series 1 : Tuesday 24 and Wednesday 25 May 1988
Series 2 : Thursday 26 and Friday 27 May 1988

Where: Divisional Workstation Training Room 513-1-21

Subject: PAW is conceived as an instrument to assist physicists in the analysis and presentation of their data. It provides interactive graphical presentation and statistical or mathematical analysis, acting on objects familiar to physicists like histograms, event files (n-tuples), vectors, etc.
PAW, at its basic level of usage, is intended to be useful to any physicist with minimal notions of computing. It should require no long learning phase before getting started. Simultaneously, it can become a powerful and efficient tool in the hands of a more experienced user, and it offers practically limitless extension possibilities through added programs at the FORTRAN level. PAW is primarily intended to be the last link in the analysis chain of experimental data. It may conceivably also be used as a data presentation package in a data acquisition environment. It has, therefore, access facilities for experimental data, if these have been formatted by the popular package HBOOK, or for any FORTRAN data.

The PAW environment includes the following packages:

- HBOOK4: a new version of the histogramming package
- HPL0T5: a new version of the graphics package of HBOOK
- HIGZ : a high level interface to GKS
- KUIP : a user interface system (command mode and menus)
- COMIS: a Fortran interpreter
- SIGMA: an array manipulation language
- ZEBRA: a data structure management system.

At present the PAW system is running on APOLLO workstations, VAXes and on the IBM VM/CMS.

Registration: The 2 series of 2 day lectures will be devoted to hands-on experience with the PAW system. Examples on how to use PAW on various computer systems and workstations will be given. The number of participants will be limited to 20 for each series. If you want to attend you should discuss the matter with your direct supervisor and, if he agrees, you should send an electronic mail message to **INFOTUTO@CERNVM**, indicating your preferred electronic mail address and which one of the two sessions you prefer.

Lecturers: Carlo Vandoni and Pietro Zanarini are working in the **Package Development** section in the **User Support** Group in DD Division. They have been directly involved in the development of the PAW system, in particular the KUIP (P.Z.) and SIGMA (C.V.) parts.

INFORMATIONS

GENERALES

GENERAL INFORMATION

REMINDER

ACCOMMODATION FOR SUMMER VISITORS TO CERN

In order to assist summer visitors to CERN, persons wishing to rent their flat or villa for at least two weeks during the period June to September, are kindly requested to contact the Housing Office.

Thank you in advance.

Housing Office
Tel. 4155

RAPPEL

LOGEMENT DES VISITEURS D'ETE AU CERN

Afin d'aider les visiteurs d'été au CERN, les personnes désireuses de louer leur appartement ou villa pour au moins deux semaines pendant la période juin-septembre, sont priées de contacter le Service du Logement.

Merci d'avance.

Service du Logement
Tél. 4155

Du 31 mai au 3 juin 1988

Hall du Bâtiment de l'Administration
Bât. 60 - 1^{er} étage
09h00 - 17h30 (vendredi 12h00)

31 May - 3 June 1988

Administration Building
Bldg 60 - 1st floor
09.00 hrs - 17.30 hrs (Friday 12.00 hrs)

L'ITALIE AU CERN

Quarante-trois firmes italiennes (comprenant vingt-et-une firmes individuelles et trois associations représentant vingt-deux firmes) présenteront le dernier cri de leur technologie à l'exposition 'L'Italie au CERN'. Cette exposition est organisée par I.C.E. Rome (Istituto Nazionale per il Commercio Estero).

Exposants : voir liste ci-dessous.

Vous pourrez obtenir, en temps utile, un programme détaillé :

- au secrétariat de votre division
- à la réception, bât. 33
- à l'exposition même.

Vous trouverez également la liste des exposants et de leurs produits dans l'édition du Courrier CERN de mai, page IV.

ITALY AT CERN

Forty-three Italian firms two (including twenty-one individual firms and three associations of twenty-two firms) will present their latest technology at the 'Italy at CERN' exhibition. This exhibition is being organized by I.C.E. Rome (Istituto Nazionale per il Commercio Estero).

For list of exhibitors, see below.

A detailed programme will be available in due course at :

- your Divisional Secretariat
- at the Reception desk, bldg 33
- at the exhibition.

A detailed list of exhibitors and their products can also be found in the May issue of the CERN Courier, page IV.

**LISTE DES EXPOSANTS
LIST OF EXHIBITORS**

A.C.S. S.p.A.
ANSALDO COMPONENTI S.p.A.
API
**ASSOCIAZIONE PICCOLE
E MEDIE INDUSTRIE**
CIFET S.R.L.
C.I.P. - COMPAGNIA ITALIANA
PROFILATI S.p.A.
DEMO ARMADI RACKS
E.E.D. S.R.L.
GALLO & QUAGLIA S.N.C.
ITALCONTAINERS S.R.L.
ITALVALV DI R. ROVETA & C.
CONSORZIO METALLIA
AMERIO S.N.C.
ATLA S.R.L.
DUE M.C. S.N.C.
FIL-PA
FIMS FABBR. Ital. Molle Spirale
OMICRON DUE S.N.C.
AUR EL. S.p.A.
AUR EL MICROSYSTEM S.R.L.
C.A.E.N. S.p.A.
**COSTRUZIONI APPARECCHIATURE
ELETTRONICHE NUCLEARI**
CONSORZIO PROVEX
C.E.A.I. Elettronica S.p.A.
ICEL S.R.L.
MARCORA FORGIATURA SAS
PIOTTI GIUSEPPE SAS
SIPUR SDF
TA-MEC Off. Mecc. di Giorgio
e Paolo Tagliabue S.N.C.
TERZI ENRICO PROFILATI
VENTAX SRL
ZA-BER S.p.A.

DE PRETTO ESCHER WYSS S.p.A.
ELEMER SRL
EUROPA METALLI LMI S.p.A
L.E.A. SYSTEMS SRL
METALTRECCE S.N.C.
O.C.E.M. S.p.A
OLIVETTI ING.C. & C. S.p.A.
OLIVETTI-HERMES (SUISSE) SA
OLIVETTI VENTE SA
PASSONI E VILLA S.p.A.
RAFFAELE RIMASSA S.p.A
RIAL S.p.A.
S.C.L. SRL SECURITY COMPUTER LINE
SILENA S.p.A.
VARIAN S.p.A.
VEAM S.p.A.
ZANON E. S.p.A.

Exposition organisée par :
Exhibition organizer :

- I.C.E.
1. Via Liszt, 21
I - 00144 ROMA Eur
Tel. : (06) 59921
Telex : ICERM - I 610160
2. Limmatstrasse 23
CH - 8005 ZÜRICH
Tel. : (01) 427505
Telex : 822635 ICE CH
Telefax : (01) 445414

LIMITED RESTAURANT SERVICE AT ASCENSION WEEKEND

The CERN restaurants and caf terias will be closed on Thursday 12 May (Ascension Day) and Friday 13 May (official holiday to replace 1st May).

A limited service will be provided by one restaurant at a time:

- Thursday 12 May in Restaurant no 2 (Migros, building 504) from 06.30 to 20.30 (hot meals served from 11.30 to 14.00 and from 18.00 to 19.30).
- Friday 13 May in Restaurant no. 1 (Coop, building 501) from 7.00 to 23.00 (hot meals from 11.30 to 14.00 and from 18.00 to 19.30).

Service provided on Saturday 14 and Sunday 15 May will be that of a normal weekend.

SERVICE RESTREINT DES RESTAURANTS LE WEEK-END DE L'ASCENSION

Le jeudi 12 mai (Ascension) ainsi que le vendredi 13 mai (jour f ri  rempla ant le 1er mai) les restaurants et caf terias du CERN seront ferm s.

Un service restreint   un seul restaurant sera assur :

- le jeudi 12 mai au restaurant no 2 (Migros, b timent 504) de 6h30   20h30 (restauration chaude de 11h30   14h et de 18h00   19h30).
- le vendredi 13 mai au restaurant no 1 (Coop, b timent 501) de 7h00   23h00 (restauration chaude de 11h30   14h00 et de 18h   19h30).

Le service des samedi 14 et dimanche 15 mai sera assur  selon l'horaire habituel de week-end.

LIMITED RESTAURANT SERVICE AT WHIT WEEKEND

The CERN restaurants and caf terias will be closed on Monday 23 May (Whit Monday) except for a limited service in Restaurant No. 1 (Coop, building 501) from 07.00 to 23.00 (hot meals served from 11.30 to 14.00 and from 18.00 to 19.30).

Restaurant Supervisory Committee
Tel. 4469

SERVICE RESTREINT DES RESTAURANTS LE WEEK-END DE PENTEC TE

Le lundi 23 mai (lundi de Pentec te), les restaurants et caf terias du CERN seront ferm s,   l'exception d'un service restreint au restaurant no 1 (Coop, b timent 501) de 7h00   23h00 (restauration chaude de 11h30   14h00 et de 18h00   19h30).

Le Comit  de Surveillance des Restaurants
T l. 4469

UNIQUE CONCERT

Vendredi 6 mai
  20.00 h pr cises   l'Amphith  tre

PERLINPINPIN F LC
Musique et chants d'Occitanie



'Notre d sir constant est de faire une musique vivante,  volutive, ce que la musique traditionnelle a toujours  t .'

D s sa cr ation en 1972, le groupe s' st donn  pour but de faire conna tre les musiques et chants populaires de sa r gion d'origine : la Gascogne.

Les musiciens de PERLINPINPIN chantent essentiellement en 'Occitan', langue connue dans tout le sud-ouest de la France et qu'ils consid rent comme symbole de leur appartenance   cette entit  culturelle qu'est l'Occitanie.

Le groupe cr e aussi des compositions en faisant preuve d'un indiscutable bon go t quant au respect du style et d'un sens de l'humour   toute  preuve.

Les billets sont en vente au kiosque du b timent principal et, le soir du concert,   l'entr e de l'Amphith  tre   partir de 19.30 h.

Organisation : Association Racines Cultures (ARC), CH-1241 Puplinge, en collaboration avec les Concerts Publics du CERN.

PUBLICATION DU BULLETIN

Ceci est la derni re publication du Bulletin jusqu' au 20 mai (no 21/88). Il n'y aura pas de Bulletin publi  pendant la semaine de l'Ascension. Dernier d lai pour le Bulletin suivant : mardi 17 mai   12.00 heures.

Service des Publications
T l. 3475

ON RECHERCHE...

... un trousseau de 8 clefs dans un  tui de simili-cuir noir.

La personne qui l'aurait aper u ou trouv  est pri e de t l phoner au 4445 (centrale des Pompiers).

Merci.