

COMMUNICATIONS **OFFICIELLES**

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OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading.

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RECOURS DEVANT LE COMITE DES PENSIONS

Le Comité des Pensions, siégeant en Commission des Recours, a examiné l'appel introduit par M. Bruno Pasquale contre le refus d'une pension d'invalidité.

Conformément au paragraphe 13 du Règlement n° III de la Caisse de Pensions, les recommandations du Comité et la décision définitives du Directeur général sont à porter à la connaissance du personnel.

Pour ce faire, ces documents seront affichés aux tableaux du Bâtiment de l'Administration du **20 mai au 3 juin 1988**.

Caisse de Pensions
Tél. 2855

APPEAL TO THE PENSIONS BOARD

The Pensions Board, in its capacity of Appeals Board, has examined the appeal lodged by Mr Bruno Pasquale regarding a case of refusal of a pension for unsuitability.

In conformity with paragraph 13 of Regulation N° III of the Pension Fund, the recommendations of the Board and the final decision of the Director-General must be brought to the notice of the personnel.

The relevant documents will therefore be posted on the notice boards of the Administration Building from **20 May to 3 June 1988**.

Pension Fund
Tel. 2855

SEMINARS **SEMINAIRES**

Tuesday 24 May

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Bose Einstein correlations in e^+e^- annihilations

by G. GOLDHABER / L.B.L. Berkeley

* Tea & coffee will be served at 16.00 hrs.

Wednesday 25 May*

SPECIAL PS ACCELERATOR SEMINAR

at 11.00 hrs – Auditorium

Magnets and focusing Introduction to accelerators

by E. J. N. WILSON / CERN-PS

Please note unusual day!

The course is intended for anyone with a technical or scientific background who would like to become familiar with the principles of accelerator design. The level of the course is chosen with the intention of preparing those with no specialist knowledge of accelerator theory for the CERN Accelerator School in September, but it will also be of interest to a much wider audience from all the technical Divisions. This is the first in a series of seven

talks on all aspects of circular machines which will cover in a simple way the principles of focusing, betatron motion, dispersion, chromaticity, radio frequency systems and phase stability and beam instabilities. The special features of electron machines will be emphasized in preparation for LEP.

Wednesday 25 May

PS SEMINAR

at 11.00 hrs – PS Auditorium
bldg 6, 2-024

Status of the Los Alamos Proton Storage Ring

by Robert J. MACEK / LAMPF

Present performance and future prospects of the PSR will be reviewed with emphasis on the beam loss problem which limits the average current to 30 μ A or 30% of design goals. The losses can be understood by a detailed accounting of significant emittance growth in the two-step injection process along with Coulomb scattering of the accumulated beam in multiple traversals of the stripping foil. Proposed modifications aimed at greatly reducing beam losses and achieving design performance will also be discussed.

Wednesday 25 May

THEORETICAL SEMINAR

at 14.00 hrs – TH conference room

Role of the phase and impact parameter picture of high energy hadron scattering

by V. KUNDRAT / Institute of Physics CSAV, Prague

The t-dependence of the hadronic amplitude determines the probability distribution of elastic scattering in the impact parameter space. The experimental data from the interference regions of Coulomb and hadronic scatterings in the case of the ISR pp and p $\bar{p}$ scatterings are shown to be fully consistent with the peripheral interpretation of elastic hadron collisions. The possible influence of this peripherality to the determination of the total cross-sections is discussed.

Mercredi 25 May

SEMINAIRE LEP

à 14.30 h – Amphithéâtre LEP

Régulations en boucle fermée d'un télé-manipulateur hydraulique avec réflexion de force

par K.D. LOHMANN / CERN-LEP

Le nouveau télémanipulateur du CERN, MANTIS II, possède des actionneurs hydrauliques compacts et puissants. La réflexion de force entre les manipulateurs maître et esclave est obtenue à l'aide de capteurs de force sensibles. Les propriétés dynamiques des actionneurs et des bras du manipulateur ont demandé des études approfondies pour déterminer les meilleures structures et paramètres des boucles de régulation.

Wednesday 25 May

PRESENTATION

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

DSP/DN 10000 (PRISM architecture) & DOMAIN/OS

by M. BENARD & Y. MATHYS / Apollo Computer

Apollo Computer Inc. introduced on 1 March 1988 a family of Personal Supercomputers based on a new advanced supercomputing architecture – the PRISM (Parallel Reduced Instruction Set Multiprocessing) architecture, which delivers high-level power and performance to the desks of technical professionals. Also new DOMAIN/OS (or SR10) will be introduced this year. This operating system will integrate Network Computing System (NCS) architecture to deliver a true distributed UNIX operating system. Three complete operating environments will be offered : UNIX System V.3, Berkeley 4.3 UNIX and AEGIS, as a choice to users. The presentation will cover these two subjects and be followed by an open discussion.

Jeudi 26 mai

PRESENTATION TECHNIQUE

de 10.00 à 17.00 h – Amphithéâtre LEP
bât 30, 7e étage

Philips SA (NL/CH) département S + I/Communication et sécurité, propose une présentation de ses produits 'techniques de communication' :

S64 : système d'interphones avec voix synthétique pour menu d'absence et enregistrement des messages individuels

SM40/SQ40 : matrice de commutation d'appels, d'alarmes, d'évacuations avec raccordement sur PC central; amplificateurs et haut-parleurs adaptés

CCS400/ICS600 : les bases d'une conférence bien conçue; construction modulaire jusqu'à plus de 2000 délégués, votation électronique, reconnaissance individuelle, jusqu'à 14 langues traduites; possibilité de raccorder, par le réseau téléphonique commuté, deux ou plusieurs salles de conférences à n'importe quel point de l'univers!

Langues : allemand, anglais, français

Renseignements : M. Diraison / FI / 4585

Thursday 26 May

ISOLDE SEMINAR

at 11.00 hrs – Council Chamber

Orbital and spin magnetic dipole excitations in nuclei

by A. RICHTER / T.H. Darmstadt

Thursday 26 May

ISOLDE COMMITTEE

Open session

at 14.00 hrs – Council Chamber

1. *Introductory remarks (B. Jonson).*
2. *ISOLDE running in 1988 (G. Weyer).*
3. *Report on target tests (H. Ravn).*
4. *Proposal: Surface analysis by delayed desorption (Saclay-Berlin-CERN-Tel Aviv; IP-49; I. Kelson).*
5. *Proposal: Development of a laser ion source (Mainz-Troitsk-CERN; IP-50; K. Wendt).*
6. *Proposal: High-resolution conversion electron spectroscopy of valence electron configurations (CESVEC) in solids (Aarhus-CERN-Zürich; IP-51; J.W. Petersen).*
7. *Proposal: Measurement of the beta-decay energy of ^{101}Y and ^{102}Y (Braunschweig-CERN; IP-52; U. Keyser).*
8. *Proposal: Status Report and Request for Beamtime IS180: Localization of implanted radioactive probes by electron and positron channeling (Konstanz; IP-53; H. Hofsäss).*
9. *Plans to produce ^{18}F for medical purposes at the SC (H. Ravn).*
10. *Any other business.*

Closed session

Friday 27 May at 9.00 hrs – 6th floor Conference Room

Monday 30 May

SPECIAL PS ACCELERATOR SEMINAR

at 11.00 hrs – Auditorium

Linear accelerators

by M. WEISS / CERN-PS

Monday 30 May

PROTON SYNCHROTRON AND SYNCHRO-CYCLOTRON COMMITTEE

Open session

at 14.30 hrs – Council Room

1. Status reports of the following LEAR experiments :

PS 195 : Tests of CP violation with $\bar{K}^0$ and K^0 at LEAR (Athens - Basle - Boston - CERN - Coimbra - Delft Tech. Univ. - Fribourg - Ioannina - Liverpool - Marseille CPPM - Saclay CEN DPhPE - SIN - Stockholm Res. Inst. - Thessaloniki - Zurich ETH; P. Pavlopoulos).

PS 197 : The Crystal Barrel : Meson Spectroscopy at LEAR with a 4π neutral and charged detector (CERN - Hamburg - Karlsruhe KfK/Univ. - LBL - London Queen Mary College - Mainz - Munich - Rutherford Appleton Lab. - Strasbourg CRN - UCLA - Zurich; H. Koch).

PS 201 : Study of $\bar{p}$ and $\bar{n}$ annihilations at LEAR with OBELIX, A large acceptance and high resolution detector based on the open axial field spectrometer (Brescia - Cagliari - CERN - Dubna JINR - Frascati Nat. Lab. INFN - Legnaro Nat. Lab. INFN - Orsay CSNSM - Padua Univ./INFN - Pavia Univ./INFN - Trieste Univ./INFN - Turin Univ./INFN - Turin Polytechnic/INFN - Udine Univ./INFN; U. Gastaldi).

2. Status Report on very low momenta at LEAR (P. Lefèvre).

Closed session

Tuesday 31 May at 09.00 hrs, 6th floor
Conference Room.

Tuesday 31 May

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

The changing relationship between Astrophysics and Particle Physics

by L. VAN HOVE / CERN

Tuesday 31 May

FOR INFORMATION



THE INSTITUTION
OF ELECTRICAL
ENGINEERS

1987-88 FARADAY LECTURE (on video-tape)

at 19.00 h – Council Chamber

The intelligent car

*This lecture was well received during its tour in Britain.
All those interested are invited.*

Information : P. Bramham, tel. (022)671660

Wednesday 1 June

LEAR DISCUSSION MEETING

at 14.30 hrs – PS Auditorium

bldg 6, 2-024

Multiquarks and glueballs

Predictions – Experimental possibilities at LEAR

by Nathan ISGUR / University of Toronto

Thursday 2 June

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Analysis of the data recorded by the Mont Blanc neutrino detector and by the Maryland and Rome gravitational wave detectors during SN 1987A

by G. PIZZELLILLA / Università 'La Sapienza',
Rome

Friday 3 June

LUNDBY FEST

at 16.00 hrs – Council Chamber

Arne Lundby's 65th Birthday

*On this occasion, I have pleasure in inviting Arne
Lundby's friends and colleagues to a celebration.*

Before CERN and collaborations

with the University of Oslo S.O. Sorensen (Oslo)

Early days at CERN J.-P. Stroot (Brussels)

The elastic scattering period P. Carlson

(Stockholm)

Charmonium at the ISR M. Poulet (Annecy)

*At 17.30 hrs a drink will be served in the Glass Box of
Restaurant no 1.*

F. Dydak / EP

Du lundi 30 mai au vendredi 3 juin

SEMINAIRE MICRO-EDITION SUR MACINTOSH

de 14.00 à 17.00 h

*Tous les 'outils' pour faire de la micro-édition : Page
Maker (mise en page, fonts, Postscript, etc.), avec les
programmes complémentaires pour insérer des
graphiques et des textes.*

*Les participants devront avoir les connaissances de base
du Macintosh.*

Pour les inscriptions, s'adresser à Mme W. HUG / EP,
tél. 8-7159 de 08.00 à 12.00 h.

Nombre de places limité.

Date limite d'inscription : mercredi 25 mai.