



76-03-01 / 03-07

semaine
week

10

bulletin

NOUVELLE CENTRIFUGEUSE CONSTRUITE PAR L'ATELIER OUEST

L'Atelier ouest a récemment mis au point un nouveau type de centrifugeuse destinée à la confection de miroirs paraboliques en résine époxy, qui équipent les compteurs Tchérénekov par exemple. Cette centrifugeuse fonctionne sur coussin d'air et c'est là son point très particulier car ce système permet d'absorber les vibrations et d'obtenir un état de surface optimum. La machine classique, utilisant l'huile, ne garantissait pas de manière absolue la concentricité de la rotation; de plus, elle était sensible aux vibrations les plus infimes. De la sorte, une machine offrant des performances plus élevées devenait souhaitable. Ce qui a conduit nos spécialistes à l'étude d'un mécanisme technologiquement nouveau, qui comprend notamment plusieurs innovations : un coussin d'air éliminant les frottements, un entraînement où la courroie a cédé sa place aux courants de Foucault, une régulation électronique de la vitesse de rotation dont la précision (1/10 000) a été obtenue grâce surtout à Charles Bertuzzi et qui est sans équivalent, un nouveau procédé de préparation de la résine époxy, etc. Un gros bloc de béton renferme le système d'entraînement de la centrifugeuse avec son moteur surmonté du disque de comptage et des freins à courants de Foucault puis de l'arbre du noyau et du système à coussin d'air, qui enrobe le noyau. Ce bloc de béton pèse quelque 8 t, ce qui donne à l'ensemble une grande stabilité. Au-dessus vient se placer le four (80°C). La partie tournante proprement dite pèse, elle, environ 800 kg, ce qui offre une vaste inertie dans le mouvement de rotation. Ce nouveau type de centrifugeuse, naturellement introuvable dans l'industrie, est appelé à rendre les plus grands services à nos scientifiques et l'on peut féliciter ici cette belle réalisation des spécialistes de l'Atelier ouest.

WEST WORKSHOP BUILDS A NEW CENTRIFUGE

The West Workshop has recently perfected a new type of centrifuge for making parabolic mirrors in epoxy resin such as are used in Cherenkov counters. Its most unusual feature is an air cushion which absorbs the vibrations and makes it possible to achieve a better finish for the mirrors. It replaces the use of oil which did not guarantee concentricity during the rotation and made the centrifuge more sensitive to vibrations. In addition to the air cushion, other novelties are - a drive system where the belt is replaced by Foucault currents, electronic control of the speed of rotation (developed by Charles Bertuzzi) which achieves an unprecedented precision of 1 in 10 000, and a new method of preparing the epoxy resin mix. The machine is inside a concrete block which encloses the drive system for the centrifuge. The motor is stopped by a disk where the speed is controlled with four brakes. The concrete weighs about 8 tons so that the device is very stable. A weight of 800 kg gives the rotating section a large inertia. The specialists in the West Workshop have thus produced a unique device which will improve the quality of equipment put at the service of the scientists using CERN.

seminars

ISR SEMINAR

Monday, March 1st
14.30
ISR Auditorium
(Top floor of Bldg.30)

"Finite Element Method in Engineering"
by C. Hauviller

CERN TRACK CHAMBER COMMITTEE

Monday, March 1
14.00
Council Chamber

Report on Bubble Chamber Operations :
- restart of HBC 200
- technical run of BEBC (P. Reinhard).
Status Report on the Rapid Cycling Bubble Chamber Project
(L. Montanet).
Discussion on New Proposals for the HBC/DBC 200 :
- proposal to study $\bar{p}d$ interactions at 12 GeV/c
(CERN/TCC 75-27 and TCC 76-2) Strasbourg/Helsinki-Stockholm;
- proposal to study dd interactions at 14 GeV/c
(CERN/TCC 75-28/Add.1) Strasbourg
Results of the $\bar{p}p$ Formation Experiment in the 1930 MeV Mass
Region (CERN/TCC 74.33, T239).
Status Report on the Aachen-Padua NUE-Spark Chamber Experiment
(CERN/TCC 73-24 - 73-24a, T230) (H. Faissner - M. Baldo-Ceolin).

CERN NUCLEAR PHYSICS SEMINARS

Monday, March 1
11.00
Theory Conference Room

"Total Photonuclear Cross Sections and Sum Rules"
by B. Ziegler / Otto-Hahn-Institut, Mainz
Abstract : Total photonuclear cross sections have been measured
for low atomic number elements between 10 MeV and
200 MeV photon energy. The lowest order moments of the experi-
mental cross section distributions are compared with sum rule
predictions. Values for the exchange part of nuclear forces, for
RMS radii and momenta and for the static nuclear polarizability
are deduced.

Monday, March 8
11.00
Theory Conference Room

"Strong Interaction Shifts and Quadrupole Splitting in Pionic Atoms
of ^{175}Lu and ^{165}Ho "
by H.J. Leisi / E.T.H. Zürich and S.I.N.

Abstract : A short presentation of the experimental results on the
energy levels of the $4f$ states (energy shift and quadrupole
splitting) will be given. It is then shown that the measured level
shift is compatible with the usual optical potential only if the neutron
distribution were to deviate strongly from that of the protons.

EP SEMINARS

Monday, March 1
11.00
Council Chamber

"Unconventional Use of the SPS and Fermilab (FNAL) Rings.
Just one of those Unthinkable Ideas"
by Carlo Rubbia

Monday, March 8
11.00
Large Conference Room
(Lab.13 - 2.005)

"Analysis of the $I = 0$ S-Wave for $\pi\pi$ and $K\bar{K}$ Scattering"
by J.A. Rubio / Madrid
Abstract : New experimental results on the $I = 0$ $K\bar{K}$ system near
threshold allow a detailed coupled channel analysis of
the $I = 0$ S-wave system. The interpretation of the ϵ , S^* , ϵ' as
genuine resonances is reexamined.

SPECIAL NUCLEAR PHYSICS SEMINAR

Friday, March 5
14.00
Theory Conference Room

"Behaviour of Nuclear Form - Factors at Large q^2 "
by A. Rinat / Weizmann Institute

SPS EXPERIMENTS
COMMITTEE

Agenda for the Thirty-second Meeting

Tuesday and Wednesday
March 2 and 3, 1976

OPEN SESSION on Tuesday, March 2 at 9.00, Auditorium

1. Proposal to Study pp-Interactions in BEBC below 100 GeV/c.
(Pavia-Torino Collaboration; G. Rinaudo; SPSC/76-18/P28/Add.1)
2. Proposal to Study K^-p -Interactions in BEBC at 70 GeV/c
(Glasgow-Paris-RHEL-Saclay Collaboration; R. Barloutaud;
SPSC/75-2/P38).
3. A Proposal to Expose BEBC to the K^- Beam with the Highest
Available Momentum (i.e. ~ 110 GeV/c). (Aachen-Berlin-
CERN-Cracow-Imperial College-Vienna-Warsaw Collaboration;
P.J. Dornan; SPSC/75-86/P57).
4. A Proposal to Study High Energy $K_L^0 p$ -Interactions in BEBC.
(Cambridge-Imperial College Collaboration; T.C. Bacon;
SPSC/76-11/P60).
5. Study of 70 GeV/c K^+p -Interactions in BEBC with an EPI.
(Brussels-CERN-Genova-Mons-Nijmegen-Serpukhov-Tel Aviv
Collaboration; R.T. van de Walle; SPSC/76-15/P62).
6. Study of $\bar{p}p$ -Interactions at 70 GeV/c in BEBC (Brussels-
Helsinki-Liverpool-Mons-Stockholm Collaboration; N. Yamdagni;
SPSC/76-16/P63).
7. Experiment to Investigate Direct Lepton Production in
 π^-p -Interactions using BEBC Equipped with a Large TST.
(Glasgow-RHEL-Saclay-Torino Collaboration, G. Kalmus;
SPSC/76-19/P64).
8. Prompt Lepton Production in $\bar{p}p$ -Interactions at High Energies
in BEBC Equipped with the a TST (Brussels-Liverpool-Mons-
Stockholm Collaboration; J. Lemonne; SPSC/76-20/P65).

LUNCH BREAK

9. Beam Dump Experiment in Omega (Birmingham-CERN-Neuchâtel-
RHEL Collaboration; contact man: P. Sonderegger;
speaker: D. Perrin; SPSC/76-14/P61).
10. Addendum to SPS Experiment WA4: A Charm Search Using the
Tagged Photon Beam at the CERN-SPS Omega Facility (Bonn-
CERN-Daresbury-DESY-Ecole Polytechnique-Glasgow-Lancaster-
Manchester-Orsay-Sheffield Collaboration; spokesman: J. Litt;
speaker: F. Richard; SPSC/76-17/P10/Add.1).

CLOSED SESSION on Wednesday, March 3 at 9.00, Conference
Room, 6th floor, Administration Building.

14.30 p.m. A visit of the SPS and the West Area will be organized
for SPSC members.

CERN COMPUTER SEMINAR

Friday, March 5
14.15
Council Chamber

"New Methods for Image Processing Using LSI Arrays"
by Dr. M.J.B. Duff / University College London

CERN PARTICLE PHYSICS SEMINAR

Monday, March 8
16.30
Auditorium

"Scale Breaking in the W_1 Structure Function of the Proton and Neutron"
by W.B. Atwood / SLAC

SC SEMINAR

Tuesday, March 9
11.00
Council Chamber

"News from Saclay, Experiments at Intermediate Energy with the Electron Linac and the Proton Synchrotron"
by Ph. Catillon / CEN-Saclay

Abstract : - Charge and magnetization densities from elastic electron scattering,
- Neutron density from elastic proton scattering,
- Photoproduction of pions at threshold and in the resonance region,
- Quasi-elastic (e,e'p) experiment,
- Pick-up experiment (p,d) at 600 MeV,
- Pion-nucleus interaction at low energy.

SCC MEETING

Tuesday, March 9
14.00
Council Chamber

Please note that this meeting will take place exceptionally at 14.00 hours.

CERN COLLOQUIUM

Tuesday, March 9
16.30
Auditorium

"Classical Directional Effects for Swift Charged Particles in Crystals"

by J. Lindhard / Aarhus University

Abstract : A survey is given of the theory of directional effects in single crystals for swift positive particles, relativistic or non-relativistic. Complete shadow effects may be obtained within distances $\sim 10^{-9}$ cm of atomic rows and for angles less than

$\psi_1 = \sqrt{4Z_1 Z_2 e^2 / d \cdot p \cdot v}$, where p and v are momentum and

velocity of the incoming particle, and d the spacing of atoms in the row. The effects are rather stable because multiple scattering is very much reduced. The strong shadow and the simplicity of the theory is due to classical mechanics being applicable as a good approximation.

For negative particles the classical directional effects are much smaller and rather unstable. Still, negative particles may be caught in the potential wells of atomic rows. It is easy to distinguish between negative and positive particles if the crystal is used as a detector.

HIGH ENERGY PHYSICS FOR THE OTHERS

A new seminar series will be started on an experimental basis by L. Van Hove, Research Director-General, with the aim of presenting in non-specialized terms the main results of CERN research and their place in the overall development of high energy physics.

The lectures are intended for an audience without high energy physics background and it will be attempted to make them understandable at least partly to complete laymen. Time will be reserved for questions and the suggestions of the audience will be taken into account for later lectures.

Friday, March 12
16.30
Auditorium

The first lecture will be on :
"Results and efforts in the search for new particles"
by L. Van Hove

TECHNICAL PRESENTATION

Thursday, March 4
10.00 - 12.00
EP Conference Room
(Bldg. 13 - 2nd floor)

Language : English

Ferranti UK (Digital Systems Division) will give a talk on
Printed Circuit Techniques :

1. Design principles for standard multi-layer printed-circuit boards.
2. High-density design and manufacture for complex multi-layer boards.
3. Some aspects of processing high-density boards.
4. Quality assessment of production boards.
5. Future trends to miniaturisation.

Information :

M. Diraison / FI / 4585

enseignement

ACADEMIC TRAINING

Wednesday, March 3
Thursday, March 4
Friday, March 5
11.00
Auditorium

"Introduction to quantum electrodynamics"
by E. de Rafael / CNRS-Marseille

next week :

March 9 & 10
11.00
Auditorium

"The g-2 of the muon"
by E. Picasso

Abstract : For over fifteen years a group of experimental physicists at CERN have been devising ways to measure the anomalous magnetic moment of the muon with higher and higher accuracy. A brief introduction is given to the theory of the anomalous magnetic moment and its significance is explained. After some historical preliminaries the main burden of the lectures concerns an analysis of the muon experiments, with particular attention to the latest one now in progress at the PS. Other properties of the muon such as its electric dipole moment and the lifetime will be discussed.

The lectures are intended for young physicists working in all fields of physics.

Note : It will help to have followed the lectures on "Introduction to quantum electrodynamics" by E. de Rafael.

ENSEIGNEMENT GENERAL

Jeudi 4 mars
13.00 à 13.30
Amphithéâtre

Science pour Tous, par R. Carreras

Programme (pour détails, voir affiches)

1. Vu, lu et entendu.
2. Question : Il y a des substances que les moustiques sont incapables de sentir (ou même de détecter) et qui pourtant sont utilisées pour se protéger de ces insectes. Comment agissent-elles ?
3. Thème principal : "Jonction neuro-musculaire et auto-immunité".

cern information

STAFF INSURANCE SCHEME :
Elections

This is to remind members who receive voting papers that information on the candidates for election will be appearing in next week's Bulletin. Voting closes on 10 March at midday.

CAISSE D'ASSURANCES :
Elections

L'Administration de la Caisse vous rappelle que des informations sur les candidats qui se présentent aux élections paraîtront dans le Bulletin de la semaine prochaine. Dernier délai pour voter : le 10 mars à midi.

INFORMATION MEETING

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All personnel are invited to an information meeting which will take place in the Auditorium on
Thursday, 4 March 1976 at 16.30.

We shall describe the present position of CERN and the future outlook in the light of the Council decisions of December 1975. The presentation will be partly in English, partly in French, with interpretation provided.

Closed-circuit television transmission without interpretation will be available in the Council Chamber, the ISR Conference Room and the SPS Conference Room.

J.B. Adams
 Executive Director-General

L. Van Hove
 Research Director-General

REUNION D'INFORMATION

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L'ensemble du personnel est invité à une réunion d'information qui se tiendra dans l'amphithéâtre
le jeudi 4 mars 1976 à 16h30.

Nous décrirons la position actuelle du CERN et les perspectives d'avenir à la lumière des décisions du Conseil de décembre 1975. La présentation sera faite partiellement en français, partiellement en anglais, avec interprétation simultanée.

La réunion sera transmise par circuit fermé de télévision, sans interprétation, dans la Salle du Conseil, la Salle de conférence des ISR et la Salle de conférence du SPS.

J.B. Adams
 Directeur général
 exécutif

L. Van Hove
 Directeur général
 de la Recherche

ADRESSES POSTALES DU CERN

1. En Suisse
 CERN
 CH - 1211 GENEVE 23
 Suisse / Switzerland
2. En France
 CERN
 Site de Prévessin
 F - 01631 CERN CEDEX
 France

Ces adresses seront portées prochainement sur le papier à en-tête de l'Organisation.

En attendant, par mesure d'économies, il est conseillé d'utiliser le papier à en-tête actuellement existant en barrant les mentions "Laboratoire I" ou "Laboratoire II", devenues sans objet depuis le 1er janvier 1976.

CERN WIVES

With the collaboration of the Administration, the CERN WOMEN'S CLUB welcomes all newly arrived wives of members of the personnel on the first Tuesday of each month from 2 to 4 p.m. at Restaurant N°2. The next meeting will be held on March 2nd, 1976.

EPOUSES DE CERNOIS

Avec la collaboration de l'Administration, le CLUB DES CERNOISES accueille toutes les épouses des membres du personnel nouvellement arrivées, le premier mardi du mois, de 14h00 à 16h00, au restaurant N°2. La prochaine réunion aura lieu le 2 mars 1976.

cern courier

FEBRUARY EDITION 1976

Copies available at :

- Divisional Secretariats,
 - SIS-PU,
 - Central and SPS Libraries,
- from

MONDAY, MARCH 1st 1976

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Cover photograph: A ceremony was held at the DESY Laboratory on 27 January to lay the foundation stone of the electron-positron storage ring, PETRA. On the platform (right to left) are the Bundesminister für Forschung und Technologie, Hans Matthöfer, the Hamburg Senator für Finanzen, Hans-Joachim Seeler, and the Chairman of the DESY Directorate, Helwig Schopper. The high energy physics community can now rejoice that both PETRA in Europe and PEP in the USA are under way. (Photo DESY)

STATION DE DISTRIBUTION DES CARBURANTS

(CERN - Site Meyrin)

Le lundi 1er mars 1976 sera mise en service la station de distribution de carburants (essence super et gas-oil) au Garage, Bât. 57.

Cette station est destinée aux véhicules "CERN" et a pour but de supprimer les aller-retour inutiles à la station SHELL-Meyrin, qui ne doit plus être utilisée que par les véhicules prioritaires (feu, services de quart, etc.) en dehors des jours ouvrables et en cas de besoin.

La Station du Garage ne délivrera en aucun cas du carburant aux véhicules privés.

Son mode de fonctionnement sera identique à celui de la station du Hall de Montage du Site de Prévessin.

La station sera en service les jours ouvrables de 8h30 à 11h30 et de 13h00 à 16h30.

Il est recommandé aux services de sécurité, de quart, etc., de faire le plein des véhicules le vendredi avant 16h30.

Au cours des premières semaines de fonctionnement de la station, le responsable (P. BADOUX, int. 2202) fournira aux utilisateurs les renseignements utiles.

PROCHAINES VISITES EN SEMAINE AU CERN

Lundi 1er mars : 10h00 Etudiants allemands à l'Université de Lausanne.

Mercredi 3 mars : 14h30 Enseignants du Pays de Gex.

Les personnes ayant des affinités avec ces groupes et désirant les rencontrer, sont priées de prendre contact avec le Service des visites - Tél. 4052 - 4102.

association du personnel

PERMANENCE CAS PARTICULIERS CONTRATS

Nous rappelons les heures de cette permanence : mardi - mercredi - jeudi et vendredi de 12 h à 14 h. Les personnes intéressées sont priées de bien vouloir prendre rendez-vous au préalable auprès du Secrétariat de l'Association - tél. 4224-3337-2819.

COLLECTE SINISTRES GUATEMALA

Une collecte en faveur des personnes sinistrées du Guatemala est organisée. Les personnes désirant aider financièrement peuvent verser leur contribution en utilisant l'un des comptes mentionnés ci-dessous :

Compte bancaire : "Compte d'Urgence" - SBS/CERN 758 114

Compte courant postal : "Association - 12-17534" (Veuillez préciser au dos "Collecte Guatemala").

De plus, dans un but de facilité, des boîtes seront disposées aux restaurants, ainsi qu'aux bureaux de poste et aux guichets bancaires.

NEW ART COURSE

The artist Norman Perryman has been asked to start an Art Course at CERN for Staff Members. This could take place weekly at 5.45 - 7.15pm, and would include watercolour painting, sketching from life, portrait drawing, principles of perspectives, still-life painting, lettering and design layout, lino-printing, abstract painting and composition, painting to music, etc.

Norman Perryman has twenty years experience as an Art Teacher and exhibits his own work regularly throughout Europe. He paints portraits, landscapes, and musical subjects. His paintings of Yehudi Menuhin, Pierre Fournier, Ravi Shankar and other great musicians could be seen in his Geneva show at the Petit Palais in 1974. Besides English, he speaks fluent French and Dutch.

Fee per lesson : sfrs.20.- (which includes basic art materials and equipment). Do you have hidden artistic talents? Fill out the coupon below and return immediately to the Secretariat.....



I am interested in the art course and would like to attend a free information/orientation session.

N A M E : FIRST NAME :

Division : Tel.:

My preferred day is :

clubs

RUGBY

Ecole de Rugby : Reprise le samedi 28.2.76 à 14h.00, terrain habituel.

RADIO AMATEUR

The CERN Amateur Radio Club invites all interested persons and amateurs to the monthly informal meeting and eyeball QSO on Wednesday 3 March in the Main Building cafeteria at 5.45 pm.

CINEMA

Thursday and Friday, 4th - 5th March : "LE CORBEAU" (1943). Directed by Henri-Georges Clouzot, with Pierre Fresnay and Ginette Leclerc. "Le Corbeau", the sender of anonymous letters. This film caused a sensation when it was first shown in Paris at the time of the Occupation ; many people regarded it as criticism of bourgeois, provincial life, at a time when exactly these aspects of French life were being threatened by the enemy.

Auditorium - 20h.30 - Age limit : from 16 years.

BOWLING

La Pompe I vient de renverser sérieusement le classement de la ligue avec :

- meilleure série équipe	1820
- " partie "	655

et M. J.C. Auclair améliore sa meilleure série individuelle de 44 quilles à 630.

SKI

Résultats du passage de Flèches du samedi 21 février 1976.

Flèche de vermeil : GAY Jean-Louis 1'23"7/10

DUPONT Véronique 1'27"1 - BUHLER-BROGLIN Marc 1'27"4

Flèche d'argent : DESFONDS Patrick 1'29"2

SOSO Lucio 1'33"5 - DIXON Neil 1'35"1

Flèche de bronze : STUMPE Ina 1'39"5

LEY Michael 1'40"9 - KARNER Daniel 1'41"2

Fléchette : PEARCE Deborah 2'01"3 - DAVEINE Jean-Marc 2'09"1

Classés : CATIN Laurent 2'16"4 - HAUER Frédéric 2'40"9

Disqualifiés : Dossards 5, 7, 15, 17, 20, 22, 28, 30, 32, 38, 150, 123, 56.

Concours adultes - Samedi 6 mars 1976

Le Ski-Club recherche des gens de bonne volonté acceptant d'assumer la charge de gardiens de portes pendant le concours. Les personnes intéressées (soit concurrents, soit accompagnants) sont priées de le faire savoir soit à la permanence du 27 février, soit par écrit à P. Déchelette, Div. EP.

Cours Alpes : Samedi 28 février, cours à La Clusaz. Rendez-vous à 07h.00, parking No. 2 du Centre commercial de Meyrin.

Descente aux flambeaux : Vendredi 27 février, 20h.00, au Crozet.

Sorties en car : Dimanche 29 février : Les Contamines-Montjoie.

Inscription le 20 à la permanence et le 24 de 17h.30 à 18h.30.

cooperatives

INTERFON

Commandes. Nous informons nos sociétaires que, sauf cas de force majeure, aucune commande passée et signée par leurs soins, ne pourra être annulée.

Papiers peints. Une commande livrée conforme à la demande du sociétaire ne pourra être ni reprise, ni échangée.

MOTOCULTEURS : Ils sont en stock au magasin à partir de la semaine prochaine et ils sont à un prix très abordable.

COOPIN

ACTION à notre rayon "alimentation" : FRY's amandes et noisettes, confitures, JAMNERS, miel, boîtes et paquets de biscuits.

Action jusqu'à finis : + de stock sur casques d'écoute SCHAUB-LORENZ. L'ÉLECTRIQUE : lave-vaisselle, réfrigérateurs, cuisinières à gaz et électriques.

calendrier hebdomadaire • weekly calendar 1976

LUNDI MONDAY	MARDI TUESDAY	MERCREDI WEDNESDAY	JEUDI THURSDAY	VENDREDI FRIDAY	SAMEDI SATURDAY
03-01	03-02	03-03	03-04	03-05	03-06
<p>1100 CERN NUCLEAR PHYSICS SEMINAR</p> <p>Th Total photonuclear cross sections and sum rules - by B. Ziegler / Otto-Hahn-Institut, Mainz</p> <p>1100 EP SEMINAR</p> <p>C Unconventional use of the SPS and FNAL rings. Just one of those unthinkable ideas - by Carlo Rubbia</p> <p>1400 CERN TRACK CHAMBER COMMITTEE</p> <p>C Ordinary Meeting</p> <p>1430 LSR SEMINAR</p> <p>I Finite element method in engineering - by C. Hauviller</p>	<p>900 SPS EXPERIMENTS COMMITTEE</p> <p>A Open Session</p> <p>900 SPS EXPERIMENTS COMMITTEE</p> <p>A Closed Session</p> <p>Conference Room (5th floor - ADM Bldg.)</p> <p>1100 ACADEMIC TRAINING</p> <p>A Introduction to quantum electrodynamics - by E. de Rafael / CNRS - Marseille</p> <p>1300 ENSEIGNEMENT GENERAL</p> <p>A Science pour Tous : Thème principal "Junction neuro-musculaire et auto-immunité" - par R. Carveras</p> <p>1630 REUNION D'INFORMATION</p> <p>A INFORMATION MEETING</p> <p>by J. B. Adams & L. Van Hove</p> <p>2030 CINE-CLUB</p> <p>A "Le Corbeau" - 1943 de H.-G. Clouzot</p>	<p>900 SPS EXPERIMENTS COMMITTEE</p> <p>A Closed Session</p> <p>Conference Room (5th floor - ADM Bldg.)</p> <p>1100 ACADEMIC TRAINING</p> <p>A Introduction to quantum electrodynamics - by E. de Rafael / CNRS - Marseille</p> <p>1300 ENSEIGNEMENT GENERAL</p> <p>A Science pour Tous : Thème principal "Junction neuro-musculaire et auto-immunité" - par R. Carveras</p> <p>1630 REUNION D'INFORMATION</p> <p>A INFORMATION MEETING</p> <p>by J. B. Adams & L. Van Hove</p> <p>2030 CINE-CLUB</p> <p>A "Le Corbeau" - 1943 de H.-G. Clouzot</p>	<p>1000 TECHNICAL PRESENTATION</p> <p>Ferranti UK (Digital Systems Division) will give a talk on Printed Circuit Techniques</p> <p>EP Conference Room (Lab. 13 - 2nd floor)</p> <p>1100 ACADEMIC TRAINING</p> <p>A Introduction to quantum electrodynamics - by E. de Rafael / CNRS - Marseille</p> <p>1400 SPECIAL NUCLEAR PHYSICS SEMINAR</p> <p>Th Behaviour of nuclear form factors at large t - by A. Rihat / Weizmann Institute</p> <p>1415 CERN COMPUTER SEMINAR</p> <p>C New methods for image processing using LSI arrays - by M.J.B. Duff / University College London</p> <p>2030 CINE-CLUB</p> <p>A "Le Corbeau" - 1943 de H.-G. Clouzot</p>	<p>ACADEMIC TRAINING</p> <p>A Introduction to quantum electrodynamics - by E. de Rafael / CNRS - Marseille</p> <p>1400 SPECIAL NUCLEAR PHYSICS SEMINAR</p> <p>Th Behaviour of nuclear form factors at large t - by A. Rihat / Weizmann Institute</p> <p>1415 CERN COMPUTER SEMINAR</p> <p>C New methods for image processing using LSI arrays - by M.J.B. Duff / University College London</p> <p>2030 CINE-CLUB</p> <p>A "Le Corbeau" - 1943 de H.-G. Clouzot</p>	<p>Visites commentées CERN</p> <p>Guided tours (tel. 4052)</p> <p>Renseignements définitifs : tableaux d'affichage Bât. ADM</p> <p>Final arrangements : ADM Bldg, notice boards</p>
03-08	03-09	03-10	03-11	03-12	03-13
<p>1100 CERN NUCLEAR PHYSICS SEMINAR</p> <p>Th Strong interaction shifts and quadrupole splitting in atomic ions of ^{175}Lu and ^{165}Ho - by H.J. Leisi / ETH Zurich and SIN</p> <p>1100 EP SEMINAR</p> <p>A Analysis of the I-O S-Wave for $\pi\pi$ and $\pi\pi$ Scattering - by J.A. Rubio / Madrid</p> <p>1400 SCC MEETING</p> <p>C Ordinary meeting</p> <p>1630 CERN COLLOQUIUM</p> <p>A Classical directional effects for swift charged particles in crystals - by J. Lindhard / Aarhus University</p>	<p>1100 SC SEMINAR</p> <p>C News from Saclay. Experiments at intermediate energy with the electron linac and the proton synchrotron - by Ph. Cantillon / CERN-Saclay</p> <p>1100 ACADEMIC TRAINING</p> <p>A The g-2 of the muon - by E. Picasso</p> <p>1400 SCC MEETING</p> <p>C Ordinary meeting</p> <p>1630 CERN COLLOQUIUM</p> <p>A Classical directional effects for swift charged particles in crystals - by J. Lindhard / Aarhus University</p>	<p>1100 ACADEMIC TRAINING</p> <p>A The g-2 of the muon - by E. Picasso</p> <p>1630 HIGH ENERGY PHYSICS FOR THE OTHERS</p> <p>A Results and efforts in the search for new particles - by L. Van Hove</p>	<p>1630 HIGH ENERGY PHYSICS FOR THE OTHERS</p> <p>A Results and efforts in the search for new particles - by L. Van Hove</p>	<p>1630 HIGH ENERGY PHYSICS FOR THE OTHERS</p> <p>A Results and efforts in the search for new particles - by L. Van Hove</p>	
<p>1630 CERN PARTICLE PHYSICS SEMINAR</p> <p>A Scale breaking in the W₁ structure function of the proton and neutron - by W.B. Atwood / SLAC</p>		<p>C Salle du Conseil /bât. 503 Council Chamber /bldg</p> <p>A Amphithéâtre /bât. 500 Auditorium /bldg</p> <p>Th Salle ThGorie /bât. 4 Theory lecture room /bldg</p>			<p>Dernier délai pour insertions : Ass. du Personnel - mardi 12h.00 (tel. 2819) P.I.O. - mardi 17h.00 (tel. 4106)</p> <p>Deadline for insertions : Staff Association - Tuesday 12 hrs (tel. 2819) P.I.O. - Tuesday 17 hrs (tel. 4106)</p>

► lieu selon indication place as indicated

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Amphithéâtre des LSR /bât. 30-7e, 6e, 1SR Auditorium /bldg. 30-7th fl.