



76-08-23/08-29

semaine
week

35

bulletin

seminars

CERN PARTICLE PHYSICS SEMINARS

Tuesday, August 24
16.00
Auditorium

"New particles in e^+e^- collisions"
by B.H. Wiik / DESY

Thursday, August 26
16.00
Auditorium

"States of baryonium within the hadron family"
by G.F. Chew / Lawrence Berkeley Laboratory and CERN

SPS EXPERIMENTS COMMITTEE

Tuesday, August 24
09.00
Theory Conference Room

Open Session

1. Introductory remarks by L. Van Hove.
2. Proposal to Study the $\bar{p}p$ Interaction in the 4.1 GeV C.M. Energy Region in Omega : Search for New Bosons and Charmed States (CERN-Glasgow-Liverpool Collaboration; I.S. Hughes; SPSC/76-60/P 66 Rev.).
3. Proposal to Investigate Direct Photon Production in pp Collisions Using BEBC with Ne-H₂ Filling (Imperial College; T.C. Bacon; SPSC/76-50/P 71).
4. Proposal for an Experiment in BEBC to Compare Neutral and Charged Current Neutrino Interactions Induced by ν_π and ν_K at the same Energy (Imperial College-Saclay Collaboration; B. Tallini; SPSC/76-52/P 72).
5. Systematic Search for Long-Lived Heavy Particles in the S1-Beam (Bologna-Saclay Collaboration; A. Muller; SPSC/76-55/P 73).
6. Proposal to Investigate Direct Electron Production from pp Collisions at 70 GeV in BEBC Equipped with a Neutrino TST (Pavia-Tel Aviv-Torino Collaboration; G. Rinaudo; SPSC/76-61/P 74).
7. Status Report on Experiment NA5 and Proposal for Search for 'Charmed' Mesons and Baryons in High Energy Collisions with a Streamer Chamber Vertex Spectrometer (MPI Munich-Karlsruhe Collaboration; K.P. Pretzl; SPSC/76-62/P 37/ Add.2).

Wednesday, August 25
09.00
6th Floor Conference Room
(ADM Building - 60)

Closed Session.

PS SEMINAR

Tuesday, August 24
10.30
PS Large Conference Room

"Design of a High-current, CW, 35 MeV Deuteron Linac Facility
For Fusion Materials Research"
by P. Grand / Brookhaven National Laboratory
Abstract : The choice of materials for future fusion reactors is
a critical step in the development of fusion energy.
BNL has proposed a facility to stimulate fusion radiation damage.
The concept is based on a linear accelerator and will produce
fluxes $> 10^{15} \text{n/cm}^2/\text{sec}$.

ESO ASTROPHYSICS
SEMINAR

Monday, August 30
11.30
ESO Conference Room
(Building 593-R001-007)

"SIT Photometry and Spectroscopy at Hale Observatories"
by J.A. Westphal / Caltech

CERN COLLOQUIA

Tuesday, August 31
16.00
Auditorium

"The history of particle physics"
Part I - The weak interactions : how it began.
by A. Pais / Rockefeller University

Thursday, September 2
16.00
Auditorium

"Astronomy and the laws of physics"
by P. Morrison / MIT

EP SEMINAR

Monday, September 6
11.00
Large Conference Room
(Lab.13 - 2.005)

"Epitaxial Silicon Semiconductor Detectors - Past Developments
and Future Prospects"
by Ch. R. Gruhn / Univ. of California, Los Alamos Scientific Lab.
Abstract : The main physical characteristics of epitaxial silicon
as it relates to detector development will be presented on
1) epitaxial silicon avalanche diodes (esad) - signal-to-noise,
non-linear aspects of gain mechanism. Response to minimum
ionizing particles. 2) Ultra thin epitaxial silicon surface barrier
(essb) detectors - total thickness 1 micron. Response to heavy
ions. 3) Epitaxial silicon diode (esd), an illustration of the dis-
placement current in Maxwell's equations.

enseignement

SUMMER STUDENT LECTURES

This week :
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In the Auditorium
Language : English

at 08.30	23.8	- FREE	
	24.8	- R. Dobinson)	
		- C. Fabjan)	- Electronic Detectors and
		- I. Pizer)	Nuclear Instrumentation
		- M. Sendall)	
	25.8	- FREE	
	26.8	- COURSE REVIEW	
	27.8	- FREE	
at 10.00	23.8	- H. Harari	- The wonderful world of
			the New Particles
	24.8	- L. Van Hove	- Some Highlights of the CERN
			Research Programme
	25.8	- H. Harari	- The wonderful world of
			the New Particles
	26.8	- COURSE REVIEW	
	27.8	- W. Klein	- A Human Computer at
			Work.

COURS DE LANGUES
LANGUAGE COURSES

Cours de français et anglais

Le programme contenant la description détaillée des cours, les horaires, les taxes d'inscription, peut être obtenu en retournant la carte jaune qui a été distribuée à tout le personnel. Au cas où vous l'auriez perdue, utilisez le coupon ci-dessous.

Ce programme peut également être consulté dans les Secrétariats de Division.

French and English courses

The programme containing a detailed description of the courses, the time-table, the enrolment fees and the enrolment procedure, can be obtained by returning the yellow card which has been distributed to all staff members. If you have lost it, please use the form below.

This programme can also be consulted at the Secretariat of your Division.

DERNIER DELAI POUR LES
INSCRIPTIONS :

Vendredi 27 août 1976

DEAD-LINE FOR
ENROLMENTS :

Friday, 27th August 1976



A : Mme J. Aebischer - Service de l'Enseignement

Programme 1976-1977 des Cours de langues

Nom/ Name : Division :

cern information

COMMISSION PARITAIRE
CONSULTATIVE DES
RECOURS

La Commission Paritaire Consultative des Recours s'est réunie pour examiner l'appel introduit par Monsieur Robbert KLARING à propos de l'application de l'Art. R II 4.30 relatif aux conditions de remboursement des frais de voyage à l'occasion des congés pour événements de famille.

La Commission a terminé ses travaux et a soumis ses recommandations au Directeur général. Conformément à l'Art. R VI 1.10 du Règlement du Personnel, ces recommandations et les décisions définitives du Directeur général sont à porter à la connaissance du personnel. Pour ce faire, ces documents seront affichés du 16 au 27 août 1976 inclus, aux tableaux du Bâtiment de l'Administration.

Division du Personnel / Tél. 2855



TO ALL MEMBERS OF
THE CERN PERSONNEL
Reminder

The Rules of the CERN Staff Insurance Scheme (provisional edition) in force as from 1 July 1976, are available and may be obtained on request at divisional secretariats.

A TOUS LES MEMBRES
DU PERSONNEL
Rappel

Les Statuts de la Caisse d'Assurances du CERN (édition provisoire), en vigueur depuis le 1er juillet 1976, sont disponibles auprès des secrétariats de divisions.

Management, Staff Insurance Scheme /
Administration de la Caisse d'Assurances



REINTEGRATION

Nous informons toutes les personnes intéressées que le rapport sur l'état des négociations avec les Etats membres en matière de réintégration dans les systèmes nationaux de sécurité sociale est maintenant disponible en français. Des copies peuvent être obtenues au Secrétariat du Service des Affaires sociales, tél. int. 2486.

Division du Personnel

VACANT POSTS LIST ON 16th AUGUST 1976

<u>Post No.</u>	<u>Vacancy No.</u>	<u>Title</u>	<u>Grade</u>
TH-SP-016 *	76-46	Physicist	9/10

EP-RE-56-004	76-59	Physicist or Chemist	10
EP-DI-SE-055	76-45	Secretary	5/6
EP-EL-IN-058	76-27	Laboratory Technician (Electronics)	7
EP-RE-56-085	76-58	Electronics Engineer	8/9
EP-TA-249	76-60	Mechanic	5/6
EP-RE-311 *	76-11	Physicist	9/10

EF-OM-SP-097	76-48	Technical Assistant (Electronics)	7/8

DD-US-PR-198	76-38	Scientific or Systems Programmer (Physicist) or (Mathematician)	8/9
DD-SW-260 *	76-34	Systems Programmer (Physicist) or (Mathematician)	8/9/10
DD-SI-PU-274 *	76-53	Editor	8/9

SPS-CO-CC-117	76-55	Technician	7
SPS-CO-BM-259	76-12	Laboratory Technician (Electronics)	6/7
SPS-SI-FL-339	76-43	Electro-mechanic	6
SPS-CO-CC-387	76-57	Systems Programmer or Scientific Programmer	8/9
SPS-SI-EL-471	76-7	Electrician	6
SPS-RF-475	76-19	Technical Assistant (Electronics)	8
SPS-CO-BM-478	76-16	Laboratory Technician (Electronics)	6/7
SPS-AOP-479	76-18	Laboratory Technician (Electronics)	6/7
SPS-AOP-482	76-31	Technician	6/7
SPS-CO-GE-484	76-40	Laboratory Technician (Electro-mechanical)	6/7
SPS-PS-AP-485	76-47	Technical Assistant (Electronics)	7/8
SPS-EA-487 to 492	76-56	Technician	7

DG-LS-26 *	76-50	Legal Assistant	9 B+

SB-EE-GE-SI-062	76-24	Electrician	5/6

FI-SFC-03 *	76-30	Senior Administrative Officer or Senior Administrator	11/12 B+
FI-SAP-MA-21	76-49	Electronics Engineer	8/9 B+
FI-SAP-MA-28	76-21	Clerk	5

PE-SA-79	76-61	Administrative Clerk	5/6	
PE-SO-SL-87 *	76-39	Social Worker	7/8	B+
PE-ED-TE-93	76-62	Administrative Clerk (50%)	5	
PE-PM-122	76-35	Administrative Clerk	5/6	

NOTES : B+ = Future Board

The publication of these vacancy notices is intended only for staff members and supernumeraries, except those with an asterisk for which external publication has been authorized.

Vacancies of other Organizations and Institutes are displayed on the notice-boards in the Administration Building and outside the Reception Office, Personnel Division.

COUPURE DE COURANT DU BATIMENT DE L'ADMINISTRATION

Rappel :

L'alimentation électrique du Bâtiment de l'Administration sera coupée du 28.8 à 5h00 au 30.8 à 5h00 (voir note de coupure n° 51) pour permettre le raccordement définitif du nouveau transformateur nécessité par les modifications du bâtiment.

Les installations seront hors service dans l'ensemble du bâtiment, en particulier : éclairage, ascenseurs, Bancomat, cantines, salles de conférence, réception visiteurs, etc.

Nous prions tous les intéressés de bien vouloir nous excuser pour les inconvénients créés par cette interruption.

Div.SB / E.E. - E.P.

association du personnel

COLLECTION

A tragic road accident recently caused the death of Mr. Gabriel Ruiz and his wife. Mr. Ruiz was employed by the firm SOGEME and had been working on the CERN site since 1969. He leaves three orphans aged 10, 8 and 4 years. Obviously, nothing can replace the presence of their parents but we feel we must do all we can to help these children materially. A collection has been organised within the ISR division by a committee which was formed voluntarily. Other members of CERN can express their sympathy by making a donation to account No C7.755.175.5 opened at the SBS by this committee. Postal paying-in-slips are also available from Mrs MAIO/ISR/tel. 2373/2949.

JARDIN D'ENFANTS CERN

Le Jardin d'Enfants de l'Association du Personnel du CERN ouvrira ses portes à tous les enfants de 3 à 6 ans le 30 août 1976. Pour cette nouvelle année scolaire, quelques places sont encore disponibles. Après le départ de Mlle Greta De Jonge, la responsable du Jardin sera Mlle Brigitte GAUDIN.

Pour tous renseignements supplémentaires, veuillez vous adresser au Secrétariat - tél. 3337-4224.

NURSERY SCHOOL

The Nursery School of the Staff Association will be opened to all children aged 3 to 6 on the 30th August 1976. At present there are still a few vacant places. After Miss G. De Jonge's departure, the person in charge of the School will be Miss Brigitte GAUDIN. For further information please contact the Staff Association Secretariat - tel. 3337-4224.

AFFAIRES CULTURELLES

EXPOSITIONS : les personnes intéressées à participer au Comité des Affaires culturelles pour les expositions artistiques sont priées de se faire connaître rapidement au Secrétariat de l'Association du Personnel. Première réunion de la saison prévue le 20 septembre 1976.

EXPOSITIONS - ASSOCIATION DU PERSONNEL

NOM :

PRENOM :

DIV.:

TEL.:

Je suis intéressé à participer aux activités de ce Comité.

A renvoyer au Secrétariat de l'Association du Personnel

TRANSPORTS SCOLAIRE - Meyrin/Ferney*Rappel*

L'Association du Personnel s'efforce de déterminer combien d'enfants fréquentant les écoles élémentaires ou le Lycée international de Ferney-Voltaire seraient intéressés par un transport collectif (ramassage scolaire) entre Meyrin et Ferney pour l'année 1976/1977.

Les frais de transport sont remboursables au titre de l'allocation pour frais d'études, dans les conditions fixées par l'Article R A 9.04 du Statut et Règlement du Personnel du CERN, version révisée du 1er janvier 1975.

Les personnes intéressées par ce transport sont priées de renvoyer le formulaire ci-joint au Secrétariat de l'Association du Personnel, qui, au vu des réponses reçues, décidera s'il y a lieu de poursuivre l'organisation d'un transport collectif et en informera les intéressés.

N.B. Pour tout autre renseignement relatif aux questions scolaires (admission, cantines, etc.) s'adresser au Secrétariat du Service des Affaires sociales, tél. 2486.



BULLETIN A RENVoyer AU SECRETARIAT DE L'ASSOCIATION DU PERSONNEL

Je soussigné NOM :

PRENOM :

Adresse :

Division :

m'intéresse au transport collectif d'élèves Meyrin/Ferney pour l'année 1976/1977 pour mon (mes) enfant(s) :

PRENOMS :

ECOLE ELEMENTAIRE ou LYCEE INTERNA.

Remarques éventuelles :

Date :

Signature :

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SCHOOL BUS SERVICE*Reminder*

The Staff Association would like to know how many children attending the primary schools and Lycée in Ferney-Voltaire would be interested in a school bus service between Meyrin and Ferney for the 1976/1977 school year.

The cost of this transport would be covered by the education grant in accordance with the provisions of Article R.A. 9.04 of the CERN Staff Rules and Regulations, as revised on 1 January 1975.

All those who would consider using this service are kindly requested to return the attached form to the Staff Association Secretariat which will then decide, in the light of the replies received, whether a bus service should be organized and will inform those interested.

N.B. For all other information concerning schooling matters (admission, canteens, etc.) please contact the Secretariat of the Social Affairs Service, ext. 2486.



FORM TO BE RETURNED TO THE STAFF ASSOCIATION SECRETARIAT

I, the undersigned, NAME

FIRST NAME

Address :

Division :

Tel. No :

am interested in a Meyrin-Ferney school bus service during the 1976/1977 school year for my child(ren) :

FIRST NAME(S) :

PRIMARY SCHOOL OR LYCEE :

Other remarks :

Date :

Signature :

clubs

BOWLING

Il reste encore quelques places dans notre Ligue pour des membres réguliers et remplaçants.
Anciens et nouveaux membres, inscrivez-vous auprès de Mlle A. LUTKE/EP/tél. 3481 avant la fin du mois d'août. La Ligue débutera le 20 septembre 1976.

HORSE RIDING

Even during the summer, every Friday from 12.30 to 1.p.m there are 2 members from the Committee in the locals of the Staff Association, build. 504, who are very happy to sell tickets, take inscriptions, lend books and answer any questions.

CERN CHOIR AND ORCHESTRA

Choir rehearsals for the Christmas concerts will start on Wednesday, September 1 at 8.00 pm in the Main Auditorium. New members welcome (especially tenors). Further information from C.S. Taylor (2590), M. Dykes (5864) or W. Blair (4473).

Pour Information

C.S.F.

M. Georges DEJEAN, président du Crédit social des Fonctionnaires de la Haute-Savoie nous informe qu'il est à nouveau possible de cautionner des prêts immobiliers pour l'accession à la propriété. Pour de plus amples renseignements, lui écrire 12 place des Balmettes à Annecy ou lui téléphoner au 45.28.98.

GYM-TO-JAZZ CLUB

Eleventh Season 1976/77 - Begins Monday, September 13

Open to staff members of all International Organizations, Permanent Delegations and members of their families. There is no upper age-limit, but children of staff members must be over 16 years of age.

Located : Collège Rousseau, chemin du Bouchet .
Run by : Raoul Lanvin, Modern jazz dance choreographer, aided by his assistants.
Subscriptions : Payable in advance : for 1 (2) hour(s) per week.
1st term : Fr 70.- (Fr 110.-) (13 Sept. - 15 Dec.)
2nd term : Fr 65.- (Fr 100.-) (10 January - 6 April)
3rd term : Fr 50.- (Fr 80.-) (18 April - 15 June).

The Club offers members an unusual and enjoyable form of 'keep fit', suitable for both men and women. (Some have taken it up as pre-ski exercise). It is combination of dancing-gymnastics and rhythmic, an original way of limbering up within the reach of everyone.

Those wishing to joint the Club should complete the form below and return it by 31 August, to : 'Gym-to-Jazz' Club, c/o Mme S. Zivian, CERN, 1211 Genève 23 (Div. HS). An acknowledgement will be sent with a green payment form.



GYM-TO-JAZZ CLUB : I would like to attend the classes of the Season 1976/77

NAME/Christian Name : Mr./Mrs./Miss
(Please print)
Private address
.....Tel.No.....

Organization or
Delegation Room No.Tel. Ext.

Important : Please underline the appropriate day and hour:

Monday / Wednesday : 18.00 - 19.00 / 19.00 - 20.00 (Beginners/
Intermediate)
Tuesday : 18.00 - 19.00 / 19.00 - 20.00 (Others).

calendrier hebdomadaire • weekly calendar 1976

LUNDI MONDAY	MARDI TUESDAY	MERCREDI WEDNESDAY	JEUDI THURSDAY	VENDREDI FRIDAY	SAMEDI SATURDAY
08-23	08-24	08-25	08-26	08-27	08-28
1000 (A) SUMMER STUDENT LECTURE The wonderful world of the New Particles - by H. Harari (Lecture 2)	830 (A) SUMMER STUDENT LECTURE Electronic Detectors and Nuclear Instrumentation - by R. Dobinson, C. Fabjan, I. Pizer, M. Sendall (Lecture 9)	900 (TH) SPS EXPERIMENTS COMMITTEE Open Session	830 (A) SUMMER STUDENT LECTURE Course Review	1000 (A) SUMMER STUDENT LECTURE A Human Computer at Work - by W. Klein	Visites commentées Guided tours (tel. 4052) Renseignements définitifs : tableaux d'affichage Bât. ADM Final arrangements : ADM Bldg. notice boards CERN
1000 (A) SUMMER STUDENT LECTURE Some Highlights of the CERN Research Programme - by L. Van Hove	1030 (A) PS SEMINAR Design of a High-current, CW, 35 MeV Deuteron Linac facility for fusion materials research - by P. Grand / Brookhaven National Laboratory PS Large Conference Room	1000 (A) SUMMER STUDENT LECTURE The wonderful world of the New Particles - by H. Harari (Lecture 3)	1600 (A) CERN PARTICLE PHYSICS SEMINAR States of baryonium within the hadron family - by G. F. Chew / Lawrence Berkeley Laboratory and CERN		
1600 (A) CERN PARTICLE PHYSICS SEMINAR New particles in e^+e^- collisions - by B.H. Wiik/ DESY	1600 (A) CERN COLLOQUIUM The history of particle physics - by A. Pais / Rockefeller University				
08-30	08-31	09-01	09-02	09-03	09-04
1130 (A) ESO ASTROPHYSICS SEMINAR SIT Photometry and Spectros- copy at Hale Observatories - by J.A. Westphal/Caltech. ESO Conference Room (Building 593 - R.001-007)					
	1600 (A) CERN COLLOQUIUM Astronomy and the laws of physics - by P. Morrison/ MIT				

(A) Amphithéâtre /bât. 500
 Auditorium /bldg
 (TH) Salle Théorie /bât. 4
 Theory/lecture room /bldg

(DS) Sixth Floor Conference Room } ADM bldg. -(60)
 Salle de conférence du sixième ét. } bât. ADM

(S) SPS Auditorium - Prévessin/Bloc 1-1er ét.
 Amphithéâtre SPS

(C) Salle du Conseil /bât. 503
 Council Chamber /bldg

(1) Amphithéâtre des ISR /bât. 30-7e. ét.
 ISR Auditorium /bldg. 30-7th fl.

Dernier délai pour insertions :
 Association du Personnel - mardi 12h.00 (tel. 2819)
 SIS-PU (M.-J. Blazianu) - mardi 17h.00 (tel. 4106)

Deadline for insertions :
 Staff Association - Tuesday 12 hrs (tel. 2819)
 SIS-PU (M.-J. Blazianu) - Tuesday 17 hrs (tel. 4106)