

SEMINARS SEMINAIRES

Monday 14 September

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of Building 30)

"Beam Instabilities in Superconducting
Recyclotrons"

by A. Schwettmann / Stanford

DD SEMINAR

at 16.00 hrs - DD Auditorium
(Building 31, 3rd floor)

"Personal Computing at Carnegie-Mellon
University"

by Mario Barbacci / CERN-DD

Dr. Mario Barbacci is a Research Computer Scientist with the Department of Computer Science at Carnegie-Mellon University. His current research interests include computer architecture, archival memories and design automation. Over the last two years he has been intimately involved with several aspects of the ADA programming language. (Dr. Barbacci will hold an informal discussion on ADA from 14.00 to 15.00 in the DD Auditorium.)

EP SEMINAR

at 17.00 hrs - Auditorium

"First Measurement of the Photon
Structure Function"

by Ch. Berger / Phys. Inst. der Technischen
Hochschule, Aachen

New data are presented from the PLUTO experiment on hadron production in photon-photon scattering. One of the photons is far off the mass shell. The results are interpreted in terms of the photon structure function F_2 and compared to QCD predictions and hadronic models of the photon.

Mardi 15 Septembre

PRESENTATION TECHNIQUE

de 09h00 à 12h00 - Bus de démonstration
Parking PTT, Bâtiment 63
(D6 plan CERN Meyrin)

BAERLOCHER AG (CH) présente les microprocesseurs CMOS de RCA (USA) : composants COSMAC up, microboards COSMAC, système de développement COSMAC (un ingénieur d'application de RCA donnera des explications aux utilisateurs intéressés.)

Langue : Anglais

Renseignements : M. Diraison / FI / 4585.

Lundi 14 Septembre

à 11h00 - Amphithéâtre

1ère Conférence d'Information sur le LEP
(Voir rubrique "Communications Officielles"
ci-contre)

Tuesday 15 September

ISR COMMITTEE

I - OPEN SESSION

at 9.30 hrs - Council Chamber

1. Information from the Director-General,
H. Schopper
2. Discussion of the Implications of CERN
Budget cuts
3. Status report from Experiment R210,
G. Carboni
4. Status report from Experiment R211,
C. Van der Velde-Wilquet
5. Requested addition of forward detectors
in Intersection 8,
M. Albrow.

II - CLOSED SESSION

at 11.30 hrs - EP Conference Room
(Building 1-025).

ISOLDE SEMINAR

at 14.00 hrs - SC Conference Room
(Building 26/1-025)

"The ISOL of Tohoku University, Japan"

by T. Shinozuka / Tohoku

The ISOL facility and the cyclotron will be introduced and research activities including isotopes far away from stability, radioisotope implantation, and surface physics will be discussed.

CERN COLLOQUIUM

at 16.30 hrs - Auditorium *)

"Relativistic Heavy Ion Collisions"

by T.D. Lee / Columbia Univ., New York

The possibility of using relativistic heavy ion collisions to investigate the equation of matter at high energy density is discussed.

*) Note : Those attending this colloquium are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

Wednesday 16 September

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"The Qualitative Behaviour of Yang-Mills
Theory in 2+1 Dimensions"

by R.P. Feynman / Caltech

Wednesday 16 September

PS SEMINAR

at 11.00 hrs - PS Auditorium
(Building 6)

"RFQ Linear Accelerator"

by M. Weiss / CERN-PS

The RFQ (Radio Frequency Quadrupole) linear accelerator is a resonator in which the RF field bunches, accelerates and focuses the beam. This structure applied at low energies has recently gained a broad interest in many laboratories, in particular after the successful tests at Los Alamos in 1980. In collaboration with Los Alamos, a study and construction of an experimental RFQ has been undertaken at the PS, to be eventually used as an injector for the old Linac. The principles of operation and construction will be discussed.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"Are There New Stable Particles? Are There New Long Range Forces?"

by L.B. Okun / ITEP, Moscow

Searches for new types of particles and fields are described, mainly without the use of accelerators. Amongst the topics discussed are : Eötvös type experiments, mass spectroscopic searches for crazy isotopes, and checks on the stability of the electron.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

Thursday 17 September

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"Deep Inelastic Lepton-Hadron Scattering : Structure Functions" (Rapporteur talk given at the EPS Conference, Lison)

by H. Wahl / CERN

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

Friday 18 September

TECHNICAL PRESENTATION

09.30 hrs/16.30 hrs - Room 3-003
(Building 13)

FISHER CONTROLS (UK) will demonstrate two Camac systems both showing system crate developments with an under-lying theme of industrial

use of Camac : demonstration 1 consists of a double system crate arrangement controlled by an external LSI-11, via a q bus to unibus converter with a process control demonstration utilising swepspeed software; demonstration 2 includes the new system crate executive controller mx-ctr-6 which demonstrates multiple control with system crate and eur 6500 auxilliary controllers. Also on show is the new analogue multiplexing system which can cater for up to 32 analogue signals with 400 V isolation pre-amplifier etc. all feeding into one single width 32 channel analogue input Camac module (ADC 123 2-1).

Language : English

Information : M. Diraison / FI / 4585.

Tuesday 22 September

PS AND SC COMMITTEE

OPEN SESSION

at 09.00 hrs - Council Chamber

1. Status Reports

- PS 163 Search for narrow baryonium states near the $\bar{p}p$ threshold (Heidelberg-Saclay-Strasbourg; T. Walcher).
- PS 166 Search for Σ hypernuclear states using the strangeness exchange reactions (K^- , π^-) and (K^- , π^+) (Heidelberg (MPI + Univ.)-Saclay (CEN); CERN/PSCC/81-71/M94; W. Brückner).

2. New Proposal

Study of threshold production of $\bar{p}p \rightarrow \bar{\Upsilon}\Upsilon$ at LEAR (CERN-Erlangen-Freiburg-Los Alamos-Pittsburgh-Saclay-Uppsala; CERN/PSCC/81-69/P49; 81-70/S49; K. Kilian).

3. Discussion on the economy issues - see excerpt from the 27 July, 1981 Research Board Minutes.

CLOSED SESSION

at 14.30 hrs - Sixth Floor Conference Room.

CERN COLLOQUIUM

à 16h30 - Amphithéâtre

"Machines commandées par la parole et entropies (Degrés de désordre)"

par J. Dreyfus-Graf / Ingénieur EPEZ, Conseiller Scientifique

Thursday 24 September

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Dimuons produced in Hadron - Hadron Collisions"

by A. Michelini / CERN

Friday 25 September

168/E MEETING

at 14.30 hrs - Council Chamber

"Review of the Present Status of the 168/E and Forthcoming Developments"

(It is also intended to use this meeting as a means of defining the support and collaboration that can be expected from CERN by groups that wish to use 168/Es for either on-line or off-line applications in their experiments.)

INFORMATIONS GENERALES GENERAL INFORMATION

VACCINATION CONTRE LA GRIPPE

Le Service médical se propose d'organiser une campagne de vaccination contre la grippe au cours du mois d'octobre 1981. Cette action est tout spécialement destinée aux personnes atteintes de maladies chroniques (cardiaques, bronchite chronique, etc.) et/ou âgées de plus de 50 ans.

Les personnes intéressées sont priées de bien vouloir s'inscrire en téléphonant à l'Infirmierie (Tél. 3802) avant le 19 septembre 1981.

Dr. J.P. Diss /
Service médical

SITE DE PREVESSIN / TRAVAUX DE GENIE CIVIL

Traversée de la route des Alpes au N.O. du Bâtiment 905.

Pendant la durée des prochains travaux (environ une quinzaine de jours), les usagers de la route devront se conformer à la signalisation spéciale et provisoire de chantier.

Division SB / EM

ASKING TO BUY / ON DEMANDE D'ACHETER

from another Group or Division:
d'un Groupe ou d'une Division :

HP Calculator mod. 9821 A or equiv.
HP X-Y Plotter mod. 9862 A or equiv.

Please call / Appeler s.v.p.

G. Muratori / EP
Tel. 5758

AUX MEMBRES FRANCAIS DU PERSONNEL

Une "Association des Fonctionnaires Internationaux Français" (AFIF) vient de se créer. Son siège est à Genève.

Pour plus ample information, vous pouvez vous adresser à M. J.F. BARTHELEMY, Division PE, Tél. 2855.

RENTENSPRECHTAGE 1981

Die im Rundschreiben an alle deutschen CERN-Mitarbeiter vom 29. Mai 1981 angekündigten Rentensprechtage finden vom 21. bis 25. September in Zusammenarbeit mit dem VDBIO statt. Sie werden mit einem Vortrag und anschließender Diskussion am Montag den 21. September um 16.30 im Ratssaal eingeleitet.

Herr Hustan von der Bundesversicherungsanstalt (BfA) in Berlin steht dann am 23. ganztägig und am 24. nachmittags für die Einzelberatungen im CERN zur Verfügung. Über die genauen Zeiten und den Ort werden die Damen und Herren, die um eine persönliche Beratung gebeten haben, jeweils einzeln informiert.

M. Höfert / Tel. 4602

VACCINATION AGAINST INFLUENZA

In October the Medical Service is planning to conduct an influenza vaccination campaign. This vaccination is particularly intended for persons suffering from chronic illness (heart complaints, chronic bronchitis, etc.) and/or who are more than 50 years old.

Persons wishing to be vaccinated are requested to inform the Infirmary by telephone (Ext. 3802) before 19 September 1981.

Dr. J.P. Diss /
Medical Service

CHANGEMENT DE NUMEROS DE TELEPHONE

La Réception centrale des marchandises possède maintenant les numéros de téléphone suivants : 4583, 4691, 4692, 4693. Le numéro 3916 est supprimé.

=====

STOP PRESS / DERNIERE HEURE

=====

FRIDAY 25 SEPTEMBER

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of Building 30)

"Simulation of Bunch Lengthening"

- a) Technique
- b) Results from PETRA and comparison with experiments
- c) Predictions for LEP

by T. Weiland / DESY

=====