

COMMUNICATIONS **OFFICIELLES**

Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après.

OFFICIAL NEWS

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

PASSAGE PAR LE TUNNEL SOUS LE CD/984 RELIANT LES DEUX SITES DU CERN

Quelques rappels sur la manière d'utiliser le tunnel conformément aux accords avec les autorités françaises et suisses:

- Le tunnel est utilisé uniquement pour des trajets directs entre les sites de Meyrin et de Prévessin et les bâtiments auxiliaires;
- Son utilisation pour l'arrivée au travail et pour le départ n'est pas autorisée;
- Les conjoints et les enfants d'un membre du personnel ne peuvent en aucune façon utiliser le tunnel;
- Seuls les véhicules officiels et les véhicules privés munis d'une vignette 'CERN' et comportant le sigle 'T' peuvent l'emprunter;
- Le tunnel est interdit aux piétons et aux deux-roues.

Pour des informations complémentaires, s'adresser à G. Stassinakis / DG - téléphone 5152.

THE USE OF THE TUNNEL UNDER ROAD CD/984 LINKING THE TWO CERN SITES

A reminder concerning the rules for the use of the tunnel resulting from the agreements made with the French and Swiss authorities :

- The tunnel is to be used solely for direct journeys between the Meyrin and Prévessin sites and the auxiliary buildings;
- It may not be used for journeys to and from work;
- The spouse or children of a staff member may under no circumstances use the tunnel;
- Only official vehicles and private vehicles displaying a CERN 'T' sticker may use the tunnel;
- Pedestrians and the riders of two-wheeled vehicles are not allowed to use the tunnel.

For further information, contact G. Stassinakis / DG - tel. 5152.

SEMINARS **SEMINAIRES**

Monday 30 November

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of Building 30)
'A review of ISR physics'
by L. Camilleri/EP

EP SEMINAR

at 17.00 hrs - Auditorium
'Measurement of the positive D meson lifetime in a purely electronic photoproduction experiment'
by L. Foà / Univ. of Pisa

A sample of D meson pair events produced coherently on silicon nuclei has been identified in a high energy photoproduction experiment. The active target, structured in a sequence of thin solid state detectors, has been used to measure the path of individual mesons and to deduce the positive D meson lifetime.

Wednesday 2 December

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room
'Naturalness and supersymmetry'
by H.P. Nilles / CERN

Possibilities to solve the hierarchy problem in a natural way are discussed. We point out that supersymmetry has several interesting properties that could lead to a solution of this notorious problem. Models of super-colour and supersymmetric grand unified models are reviewed. A particular solution to the strong CP problem is presented.

PS SEMINAR

at 16.00 hrs - PS Auditorium
(Building 6)
'Elementary particles : a progress report'
by C. Rubbia

The recent years have changed the face of elementary particles. They have brought with them the discovery of

new particles and new interactions. We now have quarks and leptons : they seem to be elementary – at least at the limit of today's experiments. Even more fundamental has been the progress in understanding forces between quarks and leptons. We now believe that they are all generated by the exchange of gauge bosons. A progress report will be given, with particular reference to the CERN programmes (pp and LEP).

Thursday 3 December

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *

'The structure of charged currents'

by J.J. Sakurai / UCLA and MPI Munich

The present status of charged-current structure is reviewed, from β decay to B decay, with emphasis on possible deviations from V-A and on a new determination of quark mixing parameters.

*) : 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.

Monday 7 December

BEBC USERS' GROUP MEETING

at 13.45 hours - Council Chamber

Agenda for the twenty-fourth meeting :

1. Status Reports : SPSC, BEBC, EMI/IPF, BEAMS.
2. Discussion of Possible Neutrino Schedules for 1981/82
3. Progress Report on Experiment WA21 (wideband neutrino, antineutrino in H_2).

ISR SEMINAR

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

'The commissioning of the SRS storage ring'

by G. Saxon / Daresbury Lab.

EP SEMINAR

at 17.00 hrs - Auditorium

'Measurement of proton-antiproton elastic scattering at $\sqrt{s} = 52.8$ GeV at the CERN ISR'

by C. Vander Velde-Wilquet / CERN/EP

Tuesday 8 and

Wednesday 9 December

SPS EXPERIMENTS COMMITTEE

Agenda for the Eighty-fourth Meeting :

I. OPEN SESSION

at 09.00 hrs - Auditorium
on Tuesday 8 December

1. SPS Operations in 1981 and 1982 (G. Brianti).
2. Study of $\pi^- \pi^0$ Production via Primakoff Effect on Nuclei (Clermont-Ferrand – Frascati – Milano – Pisa – Southampton – Torino – Trieste – Westfield College Collaboration; L. Foà - SPS/81-80/P 168).
3. Proposal to Measure Accurately the Lifetime of the D^0 , $D^\pm$, $F^\pm$, Λ_c Charm Particles and to Study their Hadronic Production and Decay Properties (Aachen – Brussels – Bombay – Collège de France – CERN – Genova – Liverpool – Madrid – Mons – Oxford – Padova – Paris – Rome – RHEL – Serpukhov – Stockholm – Strasbourg – Tokyo – Trieste – Tennessee – Rutgers – Vienna Collaboration ; L. Montanet – SPSC/81-86/P 169).
4. Improved Measurement of Charmed Particles Lifetimes (Frascati – Milano – Pisa – Torino – Trieste – Westfield College Collaboration; L. Foà - SPSC/81-91/P 170).
5. Extension of the Pion Form Factor Measurement to the Time-Like Region (Frascati – Milano – Pisa – University of Southampton – Trieste – Westfield College Collaboration; L. Foà - SPSC/81-93/P 171).

II. CLOSED SESSION

at 14.00 hrs on Tuesday 8 December, and
at 09.00 hrs on Wednesday 9 December
in the Sixth Floor Conference Room,
Administration Building.

Tuesday 8 December

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

'Mechanics in the first part of the 18th century'

by D. Speiser / Louvain Univ.

Wednesday 9 December

ISR COMMITTEE

I. CLOSED SESSION

at 9.00 hrs - A/C Conference Room,
Building 61.

Friday 11 December

ISOLDE SEMINAR

at 10.30 hrs - Theory Conference Room

'Inelastic electron scattering at low momentum transfer and the polarizability of nuclei'

by A. Richter / Darmstadt