

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

CAISSE D'ASSURANCES - REUNION PLENIERE DES MEMBRES DE LA CAISSE

La réunion plénière annuelle se tiendra MERCREDI 4 MAI 1977, à 16h00, dans l'amphithéâtre.

Tous les membres de la Caisse d'Assurances du CERN (Caisse de Pensions et Caisse d'Epargne) sont invités à y assister.

L'ordre du jour est fixé comme suit :

- 1ère partie : rapport sur la situation générale de la Caisse ainsi que sont fonctionnements,
- 2ème partie : information sur les nouveaux Statuts (en se référant, en particulier, au document distribué individuellement à chaque assuré, en février 1977),
- la 3ème partie sera consacrée aux questions posées par les membres assurés.

Ceux qui le désirent auront la possibilité de déposer à l'avance des questions écrites, qui devront être adressées à l'Administration de la Caisse d'Assurances.

Une traduction simultanée sera assurée dans les langues française et anglaise.

Administration de la Caisse
d'Assurances

STAFF INSURANCE SCHEME - PLENARY MEETING OF THE INSURED STAFF

The Annual Plenary Meeting will take place on WEDNESDAY 4 MAY at 4 p.m. in the Auditorium.

All insured members of the CERN Staff Insurance Scheme (Pension Fund and Savings Fund) are invited to attend.

The agenda is as follows :

- Part 1 : report on the general situation and functioning of the Scheme,
- Part 2 : information on the new Rules (with particular reference to the computer print-out issued individually to all members in February 1977),
- Part 3 : questions from members.

If desired, written questions may be submitted in advance addressed to the Management of the Staff Insurance Scheme.

There will be simultaneous translation between English and French languages.

Management,
Staff Insurance Scheme

SEMINARS SEMINAIRES

MONDAY 2 MAY

EP SEMINAR

at 11.00 hrs - EF Conference Room
(Lab.13-2-005)

"Deviations from Bjorken Scaling in
Lepton-Nucleon Inelastic Scattering"

by D.H. Perkins / Oxford - CERN

Abstract : Deviations from Bjorken scaling are observed in electron, muon and neutrino inelastic scattering in the range $q^2 = 1-40 \text{ GeV}^2$. These deviations are compared with the predictions of asymptotically free field theories of the interactions of quarks and gluons.

a = p, n, d and A = d, ^3He , ^4He . The singularities of the forward scattering amplitude are caused by direct (s - channel) and exchange (u - channel) processes. The discontinuities across the cuts and the residues of the poles are determined from empirical scattering data. They are the nuclear analogue of coupling constants in particle physics and related to the normalisation of the asymptotic boundstate wavefunction.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Forward Dispersion Relations and Nuclear Reactions"

by R.D. Viollier / CERN

Abstract : Forward dispersion relations are applied to elastic $a + A$ scattering with

WEDNESDAY 4 MAY

ESO ASTROPHYSICS SEMINAR

at 11.30 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"The Distribution Function of Luminosity and Size for Radio-Galaxies"

by C. Perola / Univ. of Milano

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"A Possible Description of Baryon Dynamics in Dual and Gauge Theories"

by G.C. Rossi / CERN - TH

Abstract : We present an attempt to generalize to baryons a scheme recently proposed in order to unify gauge, dual and Regge theories. We define a dual approximation of quantum-chromodynamics, which provides a sort of topological expansion for amplitudes involving baryons. Three ($N_{\text{colour}} = 3$) families of new "baryonium" states are predicted with a new type of Zweig-like selection rule holding in the leading order of the expansion. A duality relation between scattering and annihilation channels in $B\bar{B}$ emerges and its consequences are discussed.

THURSDAY 5 MAY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Electron Scattering of Muon-Neutrinos and - Antineutrinos off Electrons"

by H. Faissner / Aachen - Padua Collab.

DD SEMINAR

at 16.00 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"QUEST-IAD, an Interactive Graphic Design System"

by D. Wiskott/ CERN - DD

Abstract : A number of divisions in CERN have recently acquired QUEST-IAD design systems. The systems are particularly tailored to printed circuit board design but can be used also for other graphic applications. Its features and facilities will be illustrated with numerous slides, some conclusions will be drawn from present experience.

MONDAY 9 MAY

EP SEMINAR

at 11.00 hrs - EF Conference Room
(Lab.13-2-005)

"Observation at the ISR of Forward Production of Narrow States Decaying into Lambda and Pions. The Feynman Variable of these States is Greater or Equal to 0.7"

by J. Zsembery / UCLA and Saclay, France

ESO ASTROPHYSICS SEMINAR

at 11.30 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"Does the Kinematics of Local Stars and Interstellar Matter Reveal the Existence of Large Scale Galactic Shocks ?"

by P.O. Lindblad / ESO

MONDAY 9 AND TUESDAY 10 MAY

PS COMMITTEE

- Open Session / Monday 9 May

at 14.30 hrs - Auditorium

1. Introductory Remarks, by Prof. L. Van Hove.
2. Proposal for Study of $\bar{p}$ X-rays in Isotopically Pure Targets by Basel-Karlsruhe-Stockholm (CERN/PSC/77-18/P6; PSC/77-19/S6).
3. Proposal to Measure A and R Parameters in the Reaction $\pi^+p \rightarrow K^+\Sigma^+$ by Edinburgh-Rutherford-Westfield (CERN/PSC/77-23/P7); PSC/77-24/S7) presented by P. Litchfield.

- Closed Session / Tuesday 10 May

at 14.30 hrs - EP Conference Room

MONDAY 9 MAI

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"The Absorption of Negative Pions in Light Nuclei"

by H. Ullrich / CERN and Karlsruhe

THURSDAY 12 MAY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"First Results on Multimuons from the CDHS Neutrino Experiment"

by D. Schlatter / CERN - Dortmund - Heidelberg - Saclay Collab.

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FOR INFORMATION / POUR INFORMATION

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VENDREDI 6 MAI

SEMINAIRE DU LAPP

à 10h00 - Amphithéâtre du LAPP

Laboratoire d'Annecy de Physique des Particules - Chemin de Bellevue
Annecy-le-Vieux (Hte-Savoie, France)

"Passage du π au ρ -échange le long des Energies des ISR"

par J. Favier / Lab. d'Annecy de Physique des Particules - Annecy-le-Vieux

(Renseignements complémentaires auprès de
M. Jean-Paul Guillaud / EP - Tél. 4657 (6058).)