

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

INDEMNITIES D'EXTINCTION DE CONTRAT - MESURES INTERIMAIRES

Les directeurs généraux en application de l'article R IV 1.49 du Règlement du Personnel ont l'intention d'obtenir l'accord du Président du Conseil pour la mise en vigueur de mesures intérimaires dans certains cas de fin de contrat. Ces mesures permettraient d'augmenter les indemnités d'extinction de contrat en cas de non-renouvellement des contrats de durée déterminée à un niveau équivalent aux indemnités de chômage prévues dans le cadre de la législation suisse. En attendant le résultat de cette demande, les contrats de durée déterminée arrivant à échéance actuellement seront prolongés sur demande du titulaire concerné dans les cas où aucun emploi n'aura été trouvé.

L. Van Hove
Directeur général
de la Recherche

J.B. Adams
Directeur général
Exécutif

SEMINARS SEMINAIRES

MONDAY 4 OCTOBER

WORKSHOP ON FUTURE ISR PHYSICS

4 - 15 October : A Workshop is being held to review the physics programme which can be foreseen for the ISR after the present generation of experiments, i.e. for the period starting around 1980. Details of the Programme and Seminars may be found on the notice boards.

EP SEMINAR

at 11.00 hrs - Large Conference Room
(Lab. 13-2.005)

"Status of Evidence for a Magnetic Monopole" - by P.B. Price / Berkeley

Abstract : Measurements in lepton detectors and nuclear emulsions place strong constraints on the properties of the candidate. The data are inconsistent with any positively charged nucleus fragmenting or otherwise. A fast anti-nucleus or a slow massive non-nuclear particle is consistent with all the data.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Exchange Currents and Sum Rules" -
by J.I. Fujita / Tokyo University

Abstract : The relation " $K-\delta g_e$ " will be discussed, where $\text{Im } \omega = (\text{TRK}) (1+K)$ and δg_e is the deviation of orbital g-factor due to exchange currents in a nucleus from the free one. Recent developments related to this subject will be presented.

TUESDAY 5 OCTOBER

WORKSHOP ON FUTURE ISR PHYSICS

at 16.30 - Auditorium

"Colliding Beam Options at Fermilab" -
by J.K. Walker / FNAL

TERMINATION INDEMNITIES - INTERIM MEASURES

The Directors-General, in application of Article R IV 1.49 of the Staff Regulations, intend to request the approval of the President of the Council for interim measures to be applied in certain cases of termination of contract. These measures would allow present termination indemnities in cases of Non-Renewal of Fixed-term contracts to be increased to the level of Unemployment insurance payments as foreseen under Swiss legislation. Pending the outcome of this request, fixed-term contracts expiring presently will be extended at the request of the Staff Member concerned in case no other employment has been found.

L. Van Hove - Research
Director-General

J.B. Adams - Executive
Director-General

TECHNICAL PRESENTATION

09.00 hrs/10.30 hrs - 14.00 hrs/15.30 hrs
EF Conference Room (R 2.005) - Bldg. 13

IBM SEMINAR : Fast Problem Solving for Scientists and Engineers using APL and the IBM 5100 a portable desk-top computer. The compact computer supports interactive programming in APL and BASIC. Power and flexibility of APL and the IBM 5100 are demonstrated. Programme (p.m. and a.m.) characteristics of the IBM 5100 - Use of the APL as a scientific tool - Typical applications in physics and engineering - Individual discussions and demonstrations.

Language : English

WEDNESDAY 6 OCTOBER

PRESENTATION TECHNIQUE

de 10h00 à 12h00 et de 13h30 à 16h00
Salle de conférence, Bât.17-1er et. (R1-007)

La maison DEWALD AG (CH) propose la démonstration d'une vaste gamme d'instrumentation électronique des firmes suivantes (par pays): (AUS) - BWD Electronics: Oscilloscopes, Generators; (CH) - Zinniker: Pulse + Function Generators; ((D) - GBM: Power Supplies; Schuring Elektronik: Programmable Generator; (J) - Iwatsu: Synchroscope, Logicscope; (GB) - Coline: Sondes; Feedback Instruments Ltd.: Generators, Teaching Equipments; Gould-Advance: Oscilloscopes, Multimeters, Switching Power Supplies; Lan: Display Oscilloscope, Data Terminals; Levell Electronics Ltd.: HF Analogue Voltmeter; Lionmount & Co. Ltd.: R, L, C Decades; Matthey Electronics: Video Products; Racal Instruments: Counters, RF Millivoltmeter, RF Modulationmeter; Racal Thermionics: Instrumentation Recorder, Digital Recorders; (NL) - Klaasing: AC/DC, DC/DC Power Supplies; (USA) - General Resistance Inc.: Reference Sources; Simpson Electric: Digital + Analogue Multimeters.

Langues : Allemand, anglais, français

Renseignements :
M. Diraison/FI/ Tel.4585

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - Theory Conference Room
"Collective motion in nuclei : interaction and symmetries" - by S.T. Belyaev / Institute of Nuclear Physics, Novosibirsk and Novosibirsk University

Abstract : The status of our understanding of collective modes in nuclei is reviewed. In addition to many well-known types of states one may envisage the existence of new exotic modes which may be subjects for experimental investigations.

THURSDAY 7 OCTOBER

SPECIAL DD SEMINAR

at 15.00 hrs- DD Amphitheatre (Bldg.31-3rd fl.)

"New Developments in Very High Resolution Vidicons" - by J.K. Fisher / General Electric Co., Syracuse, N.Y., USA

Mr. Fisher will give this talk at the "Third European Electro Optics Conference" Geneva, 5-8 October 1976, and has kindly agreed to repeat it at CERN.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Experiments on Parity Violating Effects in Atoms" - by V. Telegdi / ETH-Zurich

MONDAY 11 OCTOBER

EP SEMINAR

at 11.00 hrs - Large Conference Room (Lab.13 - 2.005)

"Radiative Decays of Ψ Particles"
by B. Sadoulet / LBL-CERN (as seen by the SLAC-LBL collaboration at SPEAR)

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Giant isoscalar resonances in nuclei : A sum rule approach" - by J. Marterell / SIN

Abstract : The main features of giant resonances in heavy nuclei are studied using three sum rules. The information on the dynamical properties of the nucleus contained in these is discussed. The approach allows a systematic comparison of various collective theories (RPA, generator coordinates) and gives a simple derivation of the Suzuki-Mottelson model.

TUESDAY 12 OCTOBER

WORKSHOP ON FUTURE ISR PHYSICS

at 16.30 hrs - Auditorium

"The Big Accelerators : Physics Issues" - by J.D. Bjorken / SLAC

WEDNESDAY 13 OCTOBER

ESO ASTROPHYSICS SEMINAR

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

"Properties of SN Remnants in our Galaxy and in the Magellanic Clouds" - by Dr. S. D'Odorico / Osservatorio Astrofisico Asiago

Abstract : The results of an optical survey will be presented. The properties of SN Remnants in our Galaxy and in the Large Magellanic Cloud will be compared.

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

ENSEIGNEMENT TECHNIQUE

Les élèves inscrits aux cours de l'Enseignement Technique recevront une convocation personnelle.

REPRISE DES COURS LE LUNDI 4 OCTOBRE 1976.

Secrétariat de l'Enseignement Technique - Tél. 4460

JEUDI 7 OCTOBER

ENSEIGNEMENT GENERAL

13h00 - 13h30 - Amphithéâtre

"Science pour Tous" - par R. Carreras
Programme (pour détails, voir affiches):

1. En bref
 - a. Vu, lu et entendu.
 - b. Ile de stabilité, halos géants dans le mica et illusions.
 - c. Découverte dans les plantes d'une hormone anti-juvénile : vers un insecticide de la 4ème génération ?
2. Question
En quelle couleur faut-il peindre un objet pour qu'il paraisse : a) plus lourd, b) plus léger, c) plus chaud, d) plus froid ?
3. Thème principal
"Les cellules de Purkinje".

WEDNESDAY 13 OCTOBER

GENERAL SCIENCE MONTHLY CROSS-SECTION

at 16.30 hrs - Auditorium - 1st lecture by R. Carreras

The main purpose of these lectures is to provide the scientific and the technical staff with regular information on what is going on in science outside high energy physics and related fields.

The lectures will be mainly based on a number of papers, articles and news items published the previous months. They will be held in English.