

SEMINARS

SEMINAIRES

MONDAY 23 MAY

EP SEMINAR

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

"Review on the baryon-antibaryon system"

by L. Montanet / CERN

Abstract : Several recent experiments have given interesting but puzzling information on the possible existence of resonances mainly coupled to the baryon-antibaryon system. A review of the experimental situation will be presented.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Evidence for quasibound states of the $\bar{p}p$ -system below threshold"

by H. Koch / Karlsruhe and CERN

Abstract : The spectrum of gammas emitted after the stop of an antiproton in hydrogen has been measured with a large NaI-detector. Above the background - mainly due to π^0 decays - weak structures between 100 and 400 GeV are visible. They may be explained by long living quasibound states of the $\bar{p}p$ -system with energies between 1500 and 1800 MeV.

CERN COLLOQUIUM

at 16.00 hrs - Auditorium

"The search for extraterrestrial intelligence"

by F. Drake / Cornell Univ., Ithaca

Abstract : There can be little doubt that civilizations more advanced than the earth's exist elsewhere in the Universe. The probabilities involved in locating one of them call for a substantial effort. Techniques and attempts to detect such signals will be described.

TUESDAY 24 MAY

DISCUSSION MEETING ON REGIONAL ACCELERATOR PROJECTS ORGANIZED BY ECAS

at 09.30 hrs - Auditorium

Draft Agenda :

1. Theoretical interest in pp physics at high energies (M. Jacob)
2. The FNAL colliding beam projects (Speaker to be confirmed)
3. The ISABELLE project (R.R. Rau, BNL)
4. European pp colliding beam projects (B. Montague)
5. Theoretical interest in e^+e^- physics at high energies (J. Ellis)
6. Large electron-positron storage ring (E. Keil)
7. Detectors for the e^+e^- storage ring (K. Winter).

TUESDAY 24 MAY AND WEDNESDAY 25 MAY

SPS EXPERIMENTS COMMITTEE

- Open Session / Tuesday 24 May

at 09.00 hrs - Council Chamber

1. Introductory remarks, by L. Van Hove.
2. Status report on the charm photoproduction experiment WA 4 (F. Richard).
3. An experiment on the strong interactions of charged hyperons (Bristol-Geneva-Heidelberg-Lausanne-Rutherford Collaboration; P. Extermann; SPSC/77-24/P 82).
4. Proposal to continue the study of di-muon production by $\pi^\pm$, $K^\pm$, p and $\bar{p}$ at 40 GeV/c (Birmingham-CERN-Neuchâtel-Ecole Polytechnique-Rutherford Collaboration; J.D. Dowell; SPSC/77-32/P 84).
5. Proposal for a magnetic monopole search at the SPS (Bologna-CERN-USSR Collaboration; V.P. Martemianov; SPSC/77-37/P 85).
6. Addendum to the proposal for the European Hybrid Spectrometer, Part C: The photon detection (CERN-Florence-Genova-Heidelberg-Padova-Paris-Rome-Serpukhov-Trieste Collaboration; L. Montanet; SPSC/77-44/P 42/Add.3).
7. BEBC schedule after the end of August 1977.

(Note : The meeting may have to be continued after lunch.)

- Closed Session / Wednesday 25 May

at 09.00 hrs - Conference Room

(6th Floor - ADM Building(60))

WEDNESDAY 25 MAY

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"An asymptotically free parton model"

by J.C. Polkinghorne / CERN

Abstract : The covariant parton model is modified to incorporate scale breaking effects similar to those predicted in asymptotically free field theories. It can then be applied to the Drell-Yan process and large p_T processes, resulting in simple scale breaking behaviour for appropriate moments of observable quantities. The possible nature of Regge singularities in such a model can also be investigated.

THURSDAY 26 MAY

PRESENTATION TECHNIQUE

de 09h00 à 12h00 et de 14h00 à 16h00

Salle de conférence Magasins (R2-027)

(Bât.73 - 2ème étage)

La maison BALZERS (FL), propose la démonstration d'équipements pour la technique du vide :
- pompes rotatives à diffusion, turbomoléculaires, cryogéniques - vannes, passages à vide, matériel d'installation - appareils de mesure - spectromètre de masse QMG 111B - détecteur de fuite à halogène.

Langues : allemand, anglais, français.

Renseignements : M. Diraison / FI / Tél. 4585

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Search for quarks by the magnetic levitation electrometer : the electric neutrality of matter"

by Prof. G. Morpurgo / Univ. of Genova

FRIDAY 27 MAY

TECHNICAL PRESENTATION

from 09.30 hrs to 11.30 hrs -

EF Conference Room (Lab.13-2-005)

FABRIMEX (CH) will organize a seminar followed by a demonstration on prototyping facilities and software relative to the Texas Instruments micro-processors.

Language : English

Information : M. Diraison / FI / Ext.4585

FRIDAY 3 JUNE

CERN COLLOQUIUM

at 16.00 hrs - Auditorium

"Man's influence on weather and climate"

by B.J. Mason / Meteorological Office,
London

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FOR INFORMATION / POUR INFORMATION

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MARDI 24 MERCREDI 25 JEUDI 26 MAI

SEMINAIRE DU LABORATOIRE DE TRAITEMENT DE SIGNAUX

à 16h15 - Dépt. d'électricité de l'EPFL
16, chemin de Bellerive - 1007 Lausanne

1. mardi 24 mai - Auditoire DE 50
"Image processing research at Purdue University"
2. mercredi 25 mai - Auditoire DE 1
"Shape and texture analysis"
3. jeudi 26 mai - Auditoire DE 50
"Image restoration by algebraic methods".

by Prof. Thomas S. Huang / Purdue Univ., USA

TRAINING AND EDUCATION ENSEIGNEMENT

WEDNESDAY 25 MAI

ACADEMIC TRAINING

at 16.00 hrs - Auditorium

"General science monthly cross-section"

by R. Carreras

JEUDI 26 MAI

ENSEIGNEMENT GENERAL

de 13h00 à 13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras

INFORMATIONS

GENERALES

GENERAL INFORMATION

DIVISIONS PS ET SB :

SUITE DU PROGRAMME DE TRAVAIL SUR LES PROBLEMES

DE CORROSION

- Le Dr. T.P. Hoar, de l'Université de Cambridge (U.K.) sera présent à titre de consultant du lundi 23 au vendredi 27 mai (Bât. 578 - R.017, Tél. 2347). Il présentera un exposé de synthèse sur les problèmes qui lui auront été soumis le vendredi 27 mai, à 10h00, Salle du Conseil, (Bât.61).

- Le Dr. J.E. Strutt, Lecturer in Materials, Cranfield Inst. of Technology (U.K.), qui a animé les Journées d'information sur la corrosion les 31 mars et 1 avril, sera également à la disposition des personnes désirant le consulter pendant cette semaine (du 23 au 27 mai), (Bât.19, R-3.033, Tél. 2525).

Des informations complémentaires peuvent être obtenues auprès de :

L. DANLOY (PS) : Tél. 2625 *261

F. THIZY (SB) : Tél. 5882.

LA PREPARATION AU CHOIX PROFESSIONNEL DES
JEUNES ELOIGNES DE LEURS PAYS D'ORIGINE - *Rappel*

Le Service des Affaires sociales a procédé à une étude de ce problème. Les parents ayant des enfants de 12 ans et plus ont obtenu une note rédigée à leur intention. Ceux ayant des enfants plus jeunes et que ce problème intéresse peuvent obtenir cette note au Service des Affaires sociales en retournant le coupon ci-dessous.

Division du Personnel / Tél.2486

Je vous prie de me faire parvenir la note sur la préparation au choix professionnel des jeunes éloignés de leurs pays d'origine.

NOM :

Division : Date :

INTEGRATION INTO PROFESSIONAL ACTIVITIES OF
CHILDREN LIVING OUTSIDE THEIR HOME COUNTRIES - *Reminder*

The Social Affairs Service has undertaken a study of this problem. Parents who have children of 12 years or older have recently received a note on this subject. Staff members with younger children and who are interested in this problem may obtain this note by returning the slip below.

Personnel Division / Ext.2486

Please send me a copy of the note on Integration into Professional Activities of Children Living outside their Home Countries.

NAME :

Division : Date: