

WEDNESDAY 5 NOVEMBER

SPS EXPERIMENTS COMMITTEE

Closed Session Seventy-seventh meeting
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at 09.00 hrs - Sixth Floor Conference Room
(Administration Building)

THURSDAY 6 NOVEMBER

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *)

"The total cross-sections of Σ^- and Ξ^-
on nucleons"

by P. Extermann / Geneva Univ.

Abstract : We have measured the Σ^-p , Σ^-d , Ξ^-p and Ξ^-d total cross-sections at various momenta between 75 and 135 GeV/c with a precision of $\leq 1\%$. These cross-sections are found to be rising with energy. The results will be compared to various phenomenological models.

*) 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 7 NOVEMBER

TWENTY-EIGHTH PLENARY ECFA MEETING

at 09.00 hrs - Council Chamber

Draft Agenda :

1. Adoption of the Agenda
2. Approval of the Draft Minutes of the Twenty-seventh Plenary ECFA Meeting
3. Communication by the Chairman
4. Status of the ECFA Working Group on Data Processing Standards in High-Energy Physics (E. Lillestøl) (Oral)
5. Discussion on the Organization of an ECFA Working Meeting on Experimentation at LEP
6. Election of the Next Chairman
7. Prospects for Polarized Beams in LEP (B. Montague) (Oral)
8. Status of HERA Project (E. Lohrmann) (Oral)
9. Other Business.

MONDAY 10 NOVEMBER

EP SEMINAR

at 17.00 hrs - Auditorium

"Progress on Cherenkov ring imaging"

by A. Peisert / CERN

TUESDAY 11 NOVEMBER

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"From the study of the decay of charmed hadrons to that of the proton decay"

by M. Conversi / Univ. of Rome

THURSDAY 13 NOVEMBER

1980 BERNARD GREGORY MEMORIAL LECTURES

Dr. C. Marchetti of IIASA, Vienna, will be the second Gregory lecturer and visits CERN from 12 to 14 November. He will give one lecture

"On the dynamics of energy systems"

at 16.30 hrs, in the Auditorium.

The Gregory lectures, honouring the memory of Bernard Gregory, are funded by voluntary contributions. It was deemed appropriate to organize the 1980 lectures on the theme of the energy problem in a long-range perspective. A panel discussion with the participation of J.C. Balaceanu, J. Petit, P. Rebut and C. Vauze on the theme "Les énergies futures (au-delà de l'an 2000)" took place in Paris (Institut Auguste Conte) on Tuesday 21 October. Gregory lectures are organized once a year both at CERN and in Paris. The Proceedings of the 1979 Gregory lectures (Prof. V.F. Weisskopf) are available as CERN 80/03 Yellow Report.

FRIDAY 14 NOVEMBER

SPECIAL SEMINAR

DD Auditorium (3rd floor - Bldg.31)

A presentation will be made on a recent, powerful entry into the IBM compatible CPU market, i.e. the National Advanced Systems Co. AS/9000. The programme is as follows :

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|--------------------------|--|
| 10.30 hrs | AS/9000 - Product Overview
by John Curran, Director of Product Marketing, NAS International |
| 11.00 hrs /
12.15 hrs | AS/9000 - Technical Presentation
by Tom Frana, Director of System Development |
| 14.00 hrs | For the remainder of the presentation and questions. |

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

WEDNESDAY 5 NOVEMBER

ACADEMIC TRAINING

(Tel. 2844)

at 11.15 hrs - Auditorium

"Radiation therapy of cancer : biological and medical principles" (Lecture 4)

by C.F. Von Essen / SIN, Villigen

THURSDAY 6 NOVEMBER

ENSEIGNEMENT GENERAL

(Tél. 2844)

13h00/13h30 - Amphithéâtre

"Science pour Tous"

par R. Carreras

THURSDAY 6 AND FRIDAY 7 NOVEMBER

ACADEMIC TRAINING
(Tel. 2844)

at 11.00 hrs - Auditorium

"Pion condensation and its precursors"

by T.E.O. Ericson / CERN (*Lectures 1 and 2*)

(For abstract, see last week's Bulletin and notices.)

Lecture 3 will be given on Monday 10 November.

NOVEMBER 11, 12, 13, 14, 18, 19, 20, 21

ACADEMIC TRAINING (Tel. 2844)

at 11.00 hrs - Auditorium

"Plasma physics and instabilities"

by C.N. Lashmore-Davies (UKAEA Culham) and
J.D. Lawson (Rutherford Laboratory)

Abstract : An outline will be given of the basic concepts of plasma physics. After an introductory discussion of the kinetic and fluid models, various classes of wave motion and instability will be distinguished and related topics such as Landau damping, coupled mode theory, the concept of wave energy and stabilization mechanisms will be discussed. Non-linear effects such as three and four wave interactions, quasi-linear theory and saturation phenomena will be covered. To introduce the main course, two lectures will be given to relate, in an informal way, situations encountered in accelerators and fusion systems and to point out differences in notation and language.

PROCHAIN CONCERT

Mardi 4 novembre à 20h Amphithéâtre du CERN

Albert ROMAN – violoncelle
Gérard WYSS – piano

Au programme:

Fr. Francoeur	Sonate en mi majeur
J. Brahms	Sonate en fa majeur op 99
J.S. Bach	6. Suite pour violoncelle en ré majeur

Entrée : Frs 8.- place numérotée et chaises
Réservation : G. ADAM / SPS - Tél. 4813, ou
le soir à l'entrée, dès 19h30.

Important :

- Les portes de l'amphithéâtre seront fermées à 20h00 précises. Les retardataires sont priés d'attendre la fin de la première œuvre pour prendre place dans la salle sans déranger le public déjà installé.
- Les abonnés absents sont priés de se faire connaître ou de céder leurs places pour permettre au public - toujours plus nombreux - d'assister au concert en utilisant les places restées libres.

INFORMATIONS

GENERALES

GENERAL INFORMATION

CERN A LA TV

Les personnes de nationalité grecque au CERN souhaiteraient peut-être annoncer à leurs familles en Grèce la diffusion d'un programme sur le CERN et ses activités à la TV grecque (programme de Mme KIPREOU), mercredi 5 novembre à 22 heures.

Contact : Service de Presse/4101

NEW PUBLICATION - REMINDER

"Some Important Physics Results"

This publication, which first appeared in 1978, describes in a fairly simple way some of the milestones in physics at CERN. The first was prepared as a loose-leaf folder containing six chapters, covering the neutral currents, the g-2 experiments, exotic atoms, proton structure, particle families and the neutral kaons. The new edition contains two additional chapters, on neutrino physics at the SPS, and nuclear physics at ISOLDE. To enable those with the old edition to update their folders, the two new chapters are also available separately.

This publication is available from the self-service Documentation Office (Building 64, Room R-002, behind the Information Desk near the entrance to the Administration Building/Restaurant No.1).

AUX MEMBRES DU PERSONNEL DE NATIONALITE ITALIENNE

Le Groupe de Travail italien pour la réintégration dans le système national de sécurité sociale a arrangé la visite au CERN de M. L. Cuzzocrea, fonctionnaire supérieur de l'I.M.P.S. A cette occasion, M. Cuzzocrea informera les membres du personnel intéressés des nouvelles dispositions de la législation italienne concernant l'affiliation volontaire.

Cette visite est prévue pour le jeudi 6 novembre et la séance d'information aura lieu à la Salle du Conseil, Bât. 503 à 9h30.

Tous les membres du personnel de nationalité italienne sont invités à y assister.

Section des Affaires sociales
Tél. 4201