

a warning is issued by the Site Security Service after the first offence. If there is a second transgression of the rules within one calendar year, the private vehicle or vehicles belonging to the driver concerned are banned from the CERN sites for a period of seven days.

Efforts are being made at present to increase the amount of space available for parking. Suggestions are welcome.

HS Division

SEMINARS SEMINAIRES

MONDAY 13 JUNE

EP SEMINAR

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

"Going from π to ρ exchange along ISR energies"

by J. Favier / LAPP, Annecy

Abstract : New ISR data from the CERN-Hamburg-Orsay-Vienna Collaboration on the $pp \rightarrow n\Delta^{++}$ charge exchange reaction exhibit strong changes in the total cross-section energy behaviour as well as in the differential distributions, starting at an equivalent P_{lab} momentum of ~ 500 GeV/c.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Search for the γ -transitions in light hypernuclei"

by H. Piekarczyk / Inst. of Nuclear Research, Warsaw

Abstract : An experiment looking for the γ -transitions in ^4H and ^4He hypernuclei has recently been made by the Lyon-Warsaw collaboration at the K 19 beam of the CERN PS. The interaction of stopped K^- mesons with ^6Li , ^7Li and ^9Be target nuclei were used to produce the light hypernuclei. The ^4H and ^4He γ -rays were identified by detection of pions due to two-body hypernuclear decays. In a discussion of the results of the last and previous experiments, an attempt to ascribe the observed γ -lines as the γ -transitions in ^4H and ^4He will be presented. The information on the ΛN interaction at low energy deduced from the excitation energies of these hypernuclei will be discussed.

TUESDAY 14 JUNE

SC COMMITTEE

- Open Session

at 09.30 hrs - Council Chamber

Provisional Agenda :

1. Introductory remarks by L. Van Hove
2. Proposals : "Measurement of the Population and Lifetime of the 2S State in Muonic Hydrogen"

3. Status reports on experiments in progress.

- Closed Session

at 14.30 hrs - 6th floor Conference Room
Administration Building.

PROTON SYNCHROTRON COMMITTEE

- Open Session

at 14.00 hrs - Auditorium

1. Proposal to study strange dibaryon systems by the CERN-Rome-Saclay-Vanderbilt collaboration (CERN/PSC/77-28/P8; PSC/77-29/S8) presented by C. Roos.

- Closed Session

after the Open Session - EP Conf. Room

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"High energy interactions on nuclei"

by L. Caneschi / CERN

Abstract : High energy interactions on nuclei offer an interesting possibility of studying the space-time development of hadronic reactions. The existing data on total cross-sections, inelastic diffraction and inclusive production are suggestive, but not conclusive. They will be discussed in the framework of Regge theory, and a number of possible and revealing experiments will also be suggested.

WEDNESDAY 15 JUNE

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"Quantum field theory in curved space-time - A general review"

by C. Isham / Imperial College, London

Abstract : The review will include the following topics :

- i) general problems and motivation
- ii) Bogoliubov transformation method
- iii) applications to Robertson-Walker universes ("Big-bang" cosmology)
- iv) applications to collapsing matter (the Hawking effect)
- v) accelerating observers in Minkowski space-time.

THURSDAY 16 JUNE

TECHNICAL PRESENTATION

from 09.00 hrs to 12.00 hrs and
from 14.00 hrs to 16.00 hrs
Stores Conference Room (Bldg 73-2-027)

VACUUM GENERATORS Ltd (UK) will exhibit a selection of UHV components (specific plinth mounting) - HPT precision universal manipulator - Ionisation/Pirani gauge/Control instrumentation/TCS8/PIR2/RUI-Display boards and literature

Languages : English, French

Enquiries : M. Diraison / FI / 4585

SPECIAL DD SEMINAR

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

"MODULA, a Language for Modular Multi-programming"

by J. Hoppe / ETH Zürich

Abstract : MODULA is a language which is intended for programming dedicated operating systems on small computers. No supporting operating system is necessary to run MODULA programs - the language allows concurrent processes, drivers as well as operating system functions to be programmed in MODULA itself.

The speaker will illuminate the language concepts for sequential programming, modularity, parallel activities, synchronizations and I/O and describe the range of possible applications.

MONDAY 20 JUNE

EP SEMINAR

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

"Properties of states of charm and charmonium"

by W. Tanenbaum / SLAC (Stanford)

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - TH Conference Room

"Strong coupling of nuclear degrees of freedom and its microscopic description"

by V.G. Zelevinsky / Institute of Nuclear Physics, Novosibirsk

TUESDAY 21 JUNE

CERN COLLOQUIUM

at 16.00 hrs - Auditorium

"Energy Research in Cavendish Laboratory"

by R.J. Eden / Univ. of Cambridge

THURSDAY 23 JUNE

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Electron Storage Rings : extraordinary light sources. The use of the Synchrotron Radiation in Physics, Chemistry, Biology..."

by Y. Farge / LURE, Orsay

FRIDAY 24 JUNE

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - TH Conference Room

"The interactions of K^+ mesons with nucleons and nuclei"

by C. Dover / Brookhaven National Laboratory

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POUR INFORMATION / FOR INFORMATION

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LAPP SEMINAR

10h.00 (françaises) - Amphithéâtre du LAPP

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

"PP Collider at the SPS"

by C. Rubbia

Abstract : The physics potentialities of studying collisions between protons and antiprotons circulating in the SPS are reviewed with special emphasis to the possible searches for new hadronic phenomena and the observation of charged and neutral intermediate bosons (Z^0 , $W^\pm$)

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

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

THURSDAY 16 JUNE

ENSEIGNEMENT GENERAL

de 13h00 à 13h30 - Amphithéâtre

"Science pour tous"

par R. Carreras

TUESDAY 21, WEDNESDAY 22, THURSDAY 23

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"World energy prospects"

by R.J. Eden / Cavendish Lab., Cambridge

(for Abstract see Notices and next week's Bulletin)

WEDNESDAY 22 JUNE

ACADEMIC TRAINING

at 16.00 hrs - Auditorium

"General Science Monthly Cross-Section"

by R. Carreras