

et 3, le kiosque et les cafétérias de divisions fonctionnent normalement.

Réouverture du Restaurant n° 1 le **samedi 18 mai 1985 à 08h00.**

Service de liaison des Restaurants
Tél : 3557 / 3189

Thursday 16 and Friday 17 May 1985. Restaurants Nos. 2 and 3, the kiosk and the cafeterias in Divisions will operate normally.

Services will begin again in Restaurant No. 1 on **Saturday 18 May 1985 at 08.00 hrs.**

Restaurant Liaison Service
Tel : 3557/3189

SEMINARS SEMINAIRES

Lundi 6 mai

PRESENTATION TECHNIQUE

de 09.00 à 12.00 h et de 14.00 à 16.30 h
Parking PTT, bât. 63

ENERTEC-SCHLUMBERGER (F, GB), représenté par SCHLUMBERGER INSTRUMENTATION SA (CH), propose en exposition / démonstration :

compteurs-fréquence-mètres modèles 2631, 2711, 2741 et 2720 – oscilloscopes modèles 5027, 5224, 5229, 5276 et 5277 – générateurs modèles 4415, 4431, 4432 et 4433 – table traçante analogique modèle T 2 Y – table numérique programmable TNP 8500 – voltmètres et multimètres numériques modèles 7150, 7151, 7060, 7071 et 7081 – analyseur logique modèle 7611 – analyseur de fonction de transfert modèle 1250 – centralisateurs de mesures ORION et IMP.

Note : Certains de ces appareils sont branchés sur ordinateur afin, par exemple, de montrer les possibilités de dialogue par le bus IEEE.

Langues : allemand, anglais, français
Renseignements : M. Diraison / FI / 4585

Monday 6 May

EF SEMINAR

at 11.00 hrs – EF Conference Room
(Bldg. 13, 2-005)

The physics at LEP

by D. TREILLE / CERN

The main lines of physics foreseen at LEP will be considered. We will discuss the study of various decay modes of the Z^0 , Higgs searches, toponium physics and the high energy phase. The underlying theories will be briefly described. The experimental requirements to achieve such a program will be examined.

Monday 6 May

CERN COLLOQUIUM

A TRIBUTE TO NIELS BOHR
ON THE 100th ANNIVERSARY OF
HIS BIRTHDAY

at 14.30 hrs – Auditorium*

Opening address

by Professor H. SCHOPPER / CERN-DG

Niels Bohr and the development of physics

by Professor A. PAIS / Rockefeller University

Niels Bohr and the creation of CERN

by Professor L. Van Hove / CERN

* Participants are cordially invited to a buffet in the COOP Cafeteria which will close this meeting.

Tuesday 7 May

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Search for the decay of the positive muon into three electrons

by H.-Ch. WALTER / Institut für Mittelenergiephysik, Villigen

A search for the decay of the positive muon into three electrons was done at SIN using the large solid angle magnetic spectrometer SINDRUM. A total of 7.3×10^{12} positive muons were stopped in a 11 mg/cm² foam target. Accidental background was reduced by requiring three-electron events to be prompt and to have a good vertex. The remaining 7443 events are compatible with the decay into three electrons and two neutrinos. No candidate for the three-electron decay was found. With an overall efficiency of 14% a new upper limit of less than 2.4×10^{-12} (90% CL) is derived. Also other muon number violating decays are reviewed.

* Tea and coffee will be served at 16.00 hrs.

Wednesday 8 May

PS SEMINAR

at 11.00 hrs – PS Auditorium
(Bldg. 6, 2-024)

The Texas Accelerator Center The SSC and its beam dynamics

by E.J.N. WILSON / CERN

The speaker recently returned from a month's stay at the Texas Accelerator Center near Houston where work is proceeding on the construction and measurement of superferric magnet prototypes for the 160 km circumference proton-proton collider ring – the SSC. After general remarks on the status of the project and the role of the Texas Center the speaker will describe an analytic approach relating magnet tolerances to dynamic behaviour of the beam in the SSC, by drawing on SPS and AA experience of chaotic limits to particle stability under beam induced forces.

Wednesday 8 May

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Grand unification with dynamical supersymmetry breaking

by I. AFFLECK / SACLAY

Wednesday 8 May

LEP SEMINAR

at 14.30 hrs – LEP Auditorium (bldg 30, 7th fl.)

Relative luminosity monitors for LEP operation

by G. von HOLTEY / CERN-LEP

To optimize the bunch overlapping in the intersection regions versus different machine parameters a fast direct signal proportional to the interaction rate is required. A proposal for such a monitor based on elastic Bhabha scattering is described. Electrons will be detected by simple compact silicon / tungsten calorimeters. Test measurements for this calorimeter are presented.

Friday 10 May

PRESENTATION

at 10.00 hrs – DD Conference Room
(Bldg. 31, 3rd floor)

Siemens 7890 computer architecture

by R. MAGNUSSON / Siemens, Munich

Friday 10 May

MEETINGS ON PARTICLE PHYSICS PHENOMENOLOGY : MULTIPLICITY DISTRIBUTIONS AT THE COLLIDER

at 11.00 hrs – TH Conference Room

Experimental results

by G. EKSPONG / CERN-(UA5)

and

Theoretical discussion

by L. VAN HOFVE / CERN-TH

Monday 13 May

EF SEMINAR

This seminar, scheduled for 29 April, has been rearranged for 13 May, and replaces the seminar originally announced.

at 11.00 hrs – EF Conference Room
(Bldg. 13, 2-005)

Survey of the experiments at LEAR

by W. DAHME / University of Munich

The high quality and intensity of beams of low energetic antiprotons available from LEAR have attracted 17 experiments currently taking data. They address a wide variety of questions in the domain of nuclear and particle physics. Some use the antiproton to replace an electron

in the atom to study the strong interaction between nucleons and nuclei. Similarly nuclei are directly excited by antiprotons. The more elementary antinucleon nucleon interaction is studied by elastic and inelastic scattering and polarisation measurements. Searches for hypothetical baryon resonances claimed in earlier experiments could not confirm such claims so far. Information on the quark quark interaction is obtained by measuring the spectrum of mesons produced in the annihilation process. Such experiments have been started more than 20 years ago in bubble chambers but only the high interaction rates available at LEAR allow a thorough classification of the many meson resonances produced. This may in turn reveal exotic states containing gluons as allowed by QCD but not observed so far.

Tuesday 14 May

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Recent results from MARK J on electron-positron annihilation into two muons and into one muon plus hadrons

by Albrecht BÖHM / III. Phy. Institut RWTH Aachen

Dernière minute :

Wednesday 8 May

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Council Chamber

New Results from Kamioka Proton Decay Experiment

by M. KOSHIBA / Tokyo University

Please note unusual day and place.

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

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 9 mai

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-3364

6, 7, 8, 9 and 10 May

11.00 to 12.00 hrs – Auditorium

A short introduction to the theory of numbers

by R.F. CHURCHHOUSE / University College, Cardiff