

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Reggeon field theory without tunnelling and the expanding disc - or why rising cross-sections are both beautiful and mysterious"

by A. White / CERN

Abstract : After reviewing the general problem of Reggeon field theory (RFT) near the critical point, it will be shown that in zero transverse dimensions ($D_t = 0$) there are two alternative versions of RFT. The version with tunnelling does not have the usual RFT perturbation expansion. Similarly the expanding disc for $D_t \neq 0$ is not given by perturbation theory. As a result factorizing rising cross-sections consistent with all theoretical constraints are obtained only from the critical Pomeron. This implies that while rising cross-sections are theoretically mysterious, they should be accompanied by many other predictable effects.

MONDAY 16 JANUARY

EP SEMINAR

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

"Electric dipole moment and lifetime measurements in the CERN muon storage ring"

by J.H. Field / CERN

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Search for muon - electron conversion in nuclei"

by J. Schacher / University of Bern

TUESDAY 17 JANUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"CERN Physics in 1977"

by L. Van Hove / CERN

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

TUESDAY 17, WEDNESDAY 18

THURSDAY 19 JANUARY

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Large p_T phenomena and jet studies"

by M. Jacob

for abstract, see notices and next week's bulletin

JEUDI 19 JANVIER

ENSEIGNEMENT GENERAL

de 13h.00 à 13h.30 - Amphithéâtre

"Science pour Tous", par R. Carreras

INFORMATIONS **GENERALES** **GENERAL INFORMATION**

POST-DOCTORAL APPOINTMENT

A two-year post-doctoral appointment is available in the High Energy Physics group at Indiana University. The group is currently involved in the experimental programmes at Fermilab, Argonne, SLAC and CERN. Further information can be obtained from B. Brabson, EP Division, Tel : 5768.

LA DIVISION SB COMMUNIQUE :

L'Administration des téléphones du Canton de Genève procède en ce moment à la révision de tous les appareils téléphoniques de la région de Meyrin.

Elle procèdera également à la révision de tous les téléphones CERN raccordés au réseau PTT, de la mi-décembre à fin février 1978.

Toutes les mesures seront prises pour que ces révisions ne perturbent pas votre activité et nous vous prions de nous excuser pour le dérangement éventuel que ce contrôle pourrait occasionner. D'avance, nous vous remercions de votre compréhension.

Pour tout renseignement, contacter
M. H.E. Bakker - Tél. 4229 ou M. F. Cand -
Tél. 2236.

INFORMATION FROM SB DIVISION :

The Telephone Administration in the Canton of Geneva (PTT) carries out a complete check of all telephones in the region of Meyrin.

They also include in their programme all telephones at CERN,

from mid-December to end February 1978,
on both sites, CERN-Meyrin and CERN-Prévessin.

As far as possible, everything has been done in order to avoid any disturbance, however we ask for your comprehension if these checks might interfere with your work, since they are done in our mutual interest.

Please contact if necessary Mr. H.E. Bakker -
Tel. 4229 or Mr. F. Cand - Tel. 2236.