

COMMUNICATIONS OFFICIELLES

Les membres du personnel sont censés avoir pris
connaissance des communications officielles ci-après.

OFFICIAL NEWS

Members of the personnel shall be deemed to have
taken note of the news under this heading

NEW PHYSICS CO-ORDINATOR FOR THE SYNCHRO-CYCLOTRON

Dr H. RAVN (EP Division) will assume the
functions of Physics Co-ordinator for the Synchro-
Cyclotron for a period of one year, with effect
from 1 October 1978.

L. Van Hove
Research Director-General

SEMINARS SEMINAIRES

MONDAY 2 OCTOBER

BEBC USERS' GROUP MEETING - eleventh meeting

at 13.45 hrs - Council Room

Agenda :

1. Election of the BUG chairman
2. Progress reports: SPSC, SPS, BEBC, Beams,
EMI, GGM
3. Status of HYDRA-PATCHY-PAM FILE organization
etc.
4. Status of experiments WA24, WA30, WA31
(BEBC TST)

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
top floor of building 30

"Questions and answers on LEP"

by E. Keil, W. Schnell, C.J. Zilverschoon
CERN

TUESDAY 3 OCTOBER

WORKSHOP ON PHOTON PHYSICS AT HIGH ENERGY

at 9.00 hrs - ISR Conference Room
Bldg 30 - 7th floor

To help the SPSC in deciding the future
direction of photon physics at the SPS, a whole
day workshop on photon physics at high energy is
being organized.

Agenda

- 9.00 Programme at FNAL (present and future)
by W.Y. Lee
- ~ 10.00 Vector Mesons at ≤ 3 GeV
- 14.00 Inclusive hadron production (small
and large p_T - including jets)
- ~ 15.00 Charm and beyond.

Anyone who would like to present a short commu-
nication on unpublished results or unconventional
ideas is welcome to do so and should contact
A. Scribano, EP Division, tel. 6411.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *

"Observation of the T' resonance at 10.02 GeV
in e^+e^- annihilations"

by B. Pietrzyk/University of Heidelberg and
CERN

*Abstract : The T' state has been observed as a
narrow resonance at $M(T') = 10.02 \pm 0.02$ GeV in
 e^+e^- annihilations, using a NaI and lead glass
detector in the DORIS storage ring at DESY. The
ratio $\Gamma_{ee}\Gamma_{had}/\Gamma_{tot}$ of electronic, hadronic, and
total widths has been measured to be 0.32 ± 0.13
keV. The parameters of the T particle have also
been determined to be $M(T) = 9.46 \pm 0.01$ and
 $\Gamma_{ee}\Gamma_{had}/\Gamma_{tot} = 1.04 \pm 0.28$ keV. The mass diffe-
rence is $M(T') - M(T) = 0.56 \pm 0.01$ GeV. These
resonances have been interpreted as bound states
of a new quark and its antiquark. What can we
learn about the charge of the new quark and about
the quark-antiquark potential? What message is
contained in the jet parameters? Are they in
agreement with QCD?...*

(*) Note : Those attending this seminar are
cordially invited to the Salle des Pas Perdus
(just outside the Council Chamber) at 16.00
to meet the speaker and for informal discussions.
Tea and coffee will be provided.

WEDNESDAY 4 OCTOBER

SPS EXPERIMENT COMMITTEE - fifty-seventh meeting

at 9.00 hrs - Auditorium

OPEN SESSION

Agenda :

1. Introductory remarks by L. Van Hove.
2. Addendum to the proposal for the European
Hybrid Spectrometer, Part B: Charged particle
identification (Aachen-Brussels-CERN-Mons-
Oxford-Rutherford-Stockholm collaboration;
W.W. Allison; SPSC/78-91/P42/Add.5).
3. Study of π^-p interactions with neutral final
states (IHEP-IISN-LAPP collaboration; F.G.
Binon; SPSC/78-95/P110 and 78-96/P110/Add.1).
4. Proposal to search for direct evidence for
charm production in hadronic interactions at
the SPS (CERN-Rutherford collaboration;
C. Fisher; SPSC/78-103/P113).

at 11.00 hrs - Conference Room - 6th floor
Administration Building

CLOSED SESSION