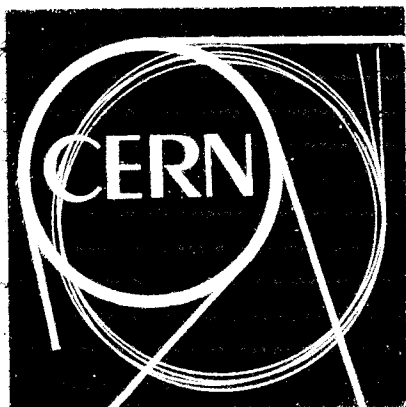
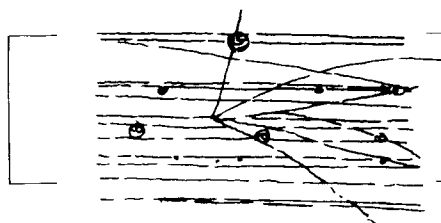




semaine / week 11.10-17.10

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bulletin



seminars

PHYSICS III SEMINAR

Monday, October 11
11.00
Theory Conference Room

"Review of the DUBNA Conference on High Energy Physics and Nuclear Structure"

PHYSICS I - ELECTRONICS EXPERIMENTS COMMITTEE

Monday, October 11
14.30
Auditorium

OPEN SESSION

1. Experimental proposal : High statistics measurements of quasi-two-body reactions, by CERN-Munich collaboration, PH I/COM-71/34, presented by E. Lorenz;
2. Status report on experiment S108, elastic np charge exchange scattering by coincidence technique, from 8-24 GeV/c, by CERN-Karlsruhe collaboration, presented by J. Engler;
3. Status report on experiment S86, $\bar{p}p \rightarrow \pi^+ \pi^-$ at 4 GeV/c, differential cross sections at small values of t and u, by Padova-Collège de France collaboration.

Tuesday, October 12
09.00
NP Conference Room

CLOSED SESSION

CERN PARTICLE PHYSICS SEMINAR

Tuesday, October 12
16.30
Auditorium

"Existence of a short range electromagnetic interaction"
D.O. Caldwell / University of California at Santa Barbara

CERN COMPUTER SEMINAR
Thursday, October 14
16.00
Auditorium

"Microprogramming and its use in Computer Science Research"
Prof. A. Ralston / State University of New York at Buffalo

Abstract : Microprogramming is finally becoming a viable technology, not just an exotic branch of Computer Science. Such things as user defined instruction codes, unusual arithmetic, and built in data structures will soon be possible and, perhaps, practical.

Potential research programming in microprogramming has been underway at the State University of New York at Buffalo for the past six months. As part of this program a microprogrammable research computer of novel design will shortly be delivered to the University. The talk will describe the considerations leading to the design of this computer and the features of the hardware itself. (Note : This Computer Seminar has been organised jointly by the Swiss Chapter of the ACM and CERN).

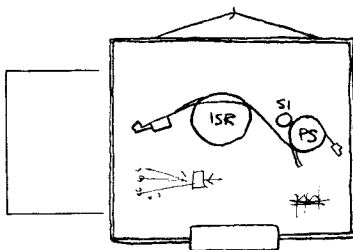
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CERN APPLIED PHYSICS SEMINAR

Monday, October 18
14.30
ISR Auditorium
(Lab. 30, 7th floor)

"Studies of space charge neutralisation in the 3 MeV Linac"
L. Evans (CERN Fellow)

Abstract : An experimental study of the proton beam dynamics in the low energy drift space of the 3 MeV linac has shown that the beam can be largely self neutralised. Some recent experimental results are presented and the influence of the neutralisation on the proton beam motion is discussed.



enseignement

POUR INFORMATION

ENSEIGNEMENT TECHNIQUE
(Tél. : 4460)

COURS EXTERIEURS

Suite à différents sondages effectués tant dans les divisions que parmi les élèves de l'Enseignement Technique, il est apparu qu'une meilleure information est souhaitée sur les cours, conférences ou séminaires techniques donnés à l'extérieur du CERN.

L'Enseignement Technique reçoit régulièrement les programmes de ces manifestations et se propose de diffuser les informations en sa possession.

A cet effet, il est prévu de faire paraître périodiquement dans ce bulletin la liste des programmes reçus. Les personnes intéressées pourront consulter les programmes qui seront affichés sur le panneau réservé à cet effet au Bâtiment de l'Administration, près du restaurant. Certaines manifestations jugées particulièrement importantes pourront être portées directement à la connaissance des personnes susceptibles de s'y intéresser.

Il est à noter que l'Enseignement Technique n'agit en cette matière que comme organe d'information : les inscriptions sont laissées à l'initiative personnelle et les arrangements nécessaires (horaires, financement, etc...) doivent être pris au sein des divisions.

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