

seminars

CERN PARTICLE PHYSICS SEMINAR

Tuesday, October 23
16.30
Auditorium

"Proton-proton elastic scattering at NAL"
by R,L, Cool / Rockefeller University

CERN COMPUTER SEMINAR

Thursday, November 1
15.30
Council Chamber

"The significance of microprogramming"
by R,F, Rosin / University of Aarhus, Denmark

Abstract : Interest in the topic of microprogramming appears to have had a great growth in the middle and late 1960's, but since that time it has leveled off or declined somewhat. This talk examines the reasons behind this development and then offers a reconsideration of and a new proposal for the definition of microprogramming.

This result is supported by the consideration of three phenomena. First is the evolution of microprogramming during the past twenty years. Second is the evolution in the use of interpretation as an implementation technique. Third is the set of 'rules of thumb' resulting from the system designer having to resolve conflicting forces attempting to influence his activity.

Five possible meanings of the term, microprogramming, are considered and rejected totally or in part prior to the one finally offered. The suggestion is made that this redefined concept be avoided as much as possible in the future, and two avenues for research alternatives are encouraged instead.

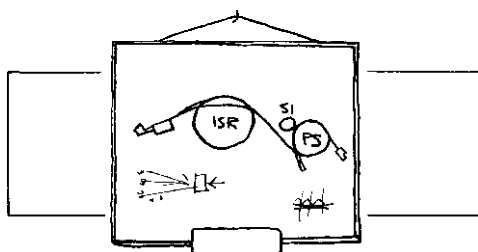
PRESENTATION TECHNIQUE

Vendredi 26 octobre
de 09h.00 à 16h.30
Bus de demonstration -
Parking PTT - (Près Bât.ADM)

La, firme H. KNURR KG (D), représentée par Wohlgroth AG (CH), expose de la mécanique pour l'électronique, Normes 19", AEC-NIM, IMS et CAMAC, plus accessoires hors normes : plug-in et crate, établi de labo, table roulante, armoire et boîtier système Optima, pupitre au sol et sur table, support de cartes Universal-system "Eurocard 2100", chariot pour instrumentation système "Kreuzer".

Langues : allemand, français.

Renseignements :
M. Diraison - 4585



enseignement

ACADEMIC TRAINING

October 30, 31 and
November 1
Auditorium

INFORMATION MEETING ON CERN ACTIVITIES

In 1972, the Academic Training Committee opened the academic year with an information meeting on CERN activities which proved to be quite successful. It was therefore decided that such an information meeting will again be held this year.

It is felt that this meeting could help the community of physicists working at CERN, and in particular the newcomers, to be informed, at once, on most of the research activity which will be performed in the coming months.

One should not expect that this information meeting replaces the usual conferences and seminars where new results are presented. It is hoped that at the end of this 2 1/2 day meeting CERN physicists will have a better understanding of why, how and where experiments are performed in our laboratories. This meeting should also convey to the community the main motivations and the new hopes which can be placed in the present and near future research activities.

Time limitations have led the organizers to an effort of synthesis and selection in the presentations; they apologize for possible omissions and restrictions.

October 30 :

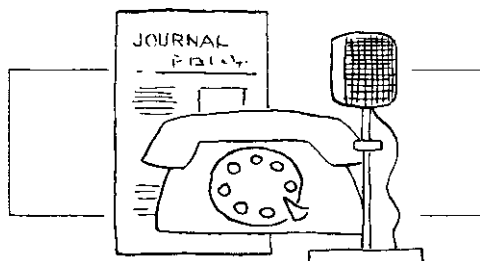
09.00 - 09.45	Neutrino physics at the PS	D.C. CUNDY
09.45 - 10.30	Some remarks on the SPS neutrino programme	J. DOWELL
10.30 - 11.00	Q experiments	
11.00 - 11.45	Coffee break	E. KITTEL
11.45 - 12.15	Inclusive reactions and high-energy physics in bubble chambers	P. CARLSON
12.15 - 14.30	Two-body reactions : $\pi\pi \rightarrow \pi K$, $K\pi \rightarrow \pi\pi$	
14.30 - 15.15	Lunch break	J. ALLABY
15.15 - 16.00	Experiments and beams foreseen for SPS	A. BERTHON
16.00 - 16.30	Low-energy physics resonance spectroscopy	
16.30 - 17.00	Tea break	E. LORENZ
17.00 - 17.45	Boson spectrometer	E. MICHAELIS
	Future physics facilities around the SC	

October 31 :

09.00 - 09.30	Polarized-target experiments	F. BRADAMANTE
09.30 - 10.00	Charged hyperon beam experiments	R. MORAND
10.00 - 10.30	Some non-standard bubble-chamber experiments	G. KALMUS
10.30 - 11.00	Coffee break	
11.00 - 11.30	k^+ Nucleon physics at the PS	R. KLAPISCH
11.30 - 12.00	K^+ , K^0 , experiments	A. DIAMANT-BERGER
12.00 - 12.30	Experiment with neutral beam at NP	F. EISELE
12.30 - 14.30	K^0 charge radius. Z^0 life-time	
14.30 - 15.00	Lunch break	
15.00 - 15.30	Nuclear physics	T. ERIC SON
	Weak and electromagnetic interactions	C.H. LLEWELLYN-SMITH
15.30 - 16.00	Hadron spectroscopy	J. WEYERS
16.00 - 16.30	Tea break	
16.30 - 17.00	Strong interactions	Ch. MICHAEL
17.00 - 17.30	Strong interactions	L. CANESCHI

November 1 :

09.00 - 10.00	Introduction to ISR experimentation and ISR experiments on single-particle production	A.M. WETHERELL
10.00 - 10.45	ISR experiments on high-transverse momentum phenomena	L. DI LELLA
10.45 - 11.15	Coffee break	
11.15 - 12.00	ISR experiments on multiplicities and correlations	G. BELLETINI
12.00 - 13.00	The split-field magnet facility at the ISR and its experimental-programme.	W. SCHMIDT-PARZEFALL



cern information

NUMEROS DE RECHERCHE
AUTOMATIQUE - LAB,I

Nouveaux :
FARASTIER M.
JOURDANJ.
CARTIER A.

SB - 573
SB - 917
SB - 129