

seminars

PHYSICS III SEMINARS

Monday, April 24
11.00
Theory Conference Room

"Recent measurements of pionic capture of 600 MeV protons by light nuclei"
J. Domingo / CERN

CERN COLLOQUIUM

Tuesday, April 25
16.30
Auditorium

"Particle physics and Eastern philosophy"
F. Capra/London - Imp.Coll.

Abstract: The images and myths of Eastern religious philosophies (Hinduism, Buddhism, Taoism, Zen) show surprising parallels to the models of particle physics. The reason for this seems to be that certain concepts which are basic to all these philosophies are also basic to modern physics. These include the realization that our knowledge of the world transcends logic and common sense, a situation also encountered in quantum mechanics, and a certain time-minded intuition of reality which suggests that Eastern philosophies are 'space-time' philosophies in contrast to the extremely 'non-relativistic' Greek natural philosophy. One of the most striking parallels between Eastern philosophy and particle physics is the one between Mahayana Buddhism and the bootstrap model.

CERN COMPUTER SEMINAR

Friday, April 28
14.30
Council Chamber

"Computing system structure, measurement and modelling"
B. Arden / Michigan

Abstract: The gross structure of an operating system is presented with emphasis on the allocation and deallocation aspects. This leads to a notion of state and a rationale for a software measurement facility. The availability of such measurements makes possible the application of queue theoretic models to determine performance indices such as response, saturation, bottlenecks and utilization. Also the imposed computing load can be characterized. Models of the multiprocessor system (IBM duplex model 67) at the University of Michigan are used for illustration.

INTERSECTING STORAGE RINGS COMMITTEE

I. Open Session

Wednesday, April 26
9.30
Council Chamber

1. Physics with the ISR (based on reports given at the Oxford Conference), by D. Morrison.
2. Status report on Experiment R 203, "Production spectra at large angles" (Scandinavian and British Universities collaborations), by G. Lynch.
3. Status report on Experiment R 204, "Measurement of particles with large transverse momentum as a search for the intermediate boson" (British Universities collaboration), by S. Sharrock.
4. Future plans for Experiments R 203 and R 204, by B.G. Duff.

II. Closed Session

Wednesday, April 26
14.30
ISR Conference Room
(L 30/6-003)

CERN PARTICLE PHYSICS SEMINAR

Thursday, April 27
16.30
Auditorium

"Summary of some ISR experiments on inclusive reactions"
(Rapporteur's talk at the Oxford Conference)
J.C. Sens - CERN/F.O.M.

Tuesday, May 2
16.30
Auditorium

"Experiment on ρ^- production and decay in the reaction
 $\pi^- p \rightarrow \pi^- \pi^0 p$ at 5 GeV/c"
K.M. Terwilliger - CERN/University of Michigan

PRESENTATION TECHNIQUE

Mardi, 25 avril
de 9.00 à 13.00
Salle de Conf. NP, No.1-067
Bâtiment 21
Français

La maison SAPHYMO SRAT (France) présente son nouveau chassis CAMAC C7ALJ13DW: chassis alimentation 6 W correspondant aux normes CAMAC et permettant le montage et l'alimentation de 25 tiroirs Camac 1/25 comprenant: 1 unité de ventilation (3 ventilateurs), 1 data way wrapping 25 connecteurs flottants - 1 platine alimentation délivrant: + et - 12 V/3 A, + et - 24 V/3 A, + 6 V/25 A - 6 V/10 A, + 200 V/0,1 A et 117 V/0,5 A/50 Hz.

Thursday, April 27
9.30 - 13.00
NP Conference Room,
No. 1-067, Building 21
German/English

HONEYWELL (USA), represented by Honeywell SA (Geneva), demonstrate their 5600 Portable Magnetic Tape System, a full 14-channel instrumentation grade recorder which handles virtually any tape recording requirement in both laboratory and field applications. The basic recorder accommodates sixteen data cards for any combination of record/reproduce channels totalling sixteen.. - seven electrically switched speeds from 15/16 to 60 ips - plug-in equalizers and centre frequency assemblies - direct electronics to 300 KHz - F.M. electronics to 40 KHz: low band, intermediate band, wideband group 1 - serial digital to 600 BPI.

Friday, April 28
10.00 - 16.30
TC-L Conference Room,
1st floor - building 17
English

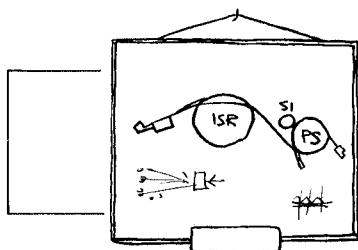
BELL & HOWELL (USA) represented by STOLZ AG (CH), exhibits: pressure transducers, vibration transducers, accelerometers, electronic transducer, transmitters, vibration monitoring systems.

Renseignements :
M. Diraison / 4585

Samedi, 6 mai
9.30
(lieu définitif en fonction du
nombre d'inscriptions - Genève)
Anglais (questions en français)

La maison SIGNETICS (USA) se propose de faire une conférence sur les circuits intégrés Phase locked loop (PLL), génération offrant de très nombreuses possibilités d'application; ils travaillent aussi bien en fonction logique ou analogique couvrant des fréquences de 0,01 Hz à 30 MHz. Le conférencier est l'un des ingénieurs ayant développé ce type de circuit.

S'inscrire avant mercredi 26 avril (M. Diraison / 4585)



enseignement

ACADEMIC TRAINING

Mardi, 25 avril
14.15
Amphithéâtre

MATHEMATIQUES
"Eléments d'analyse numérique"
par F. Louis (1ère leçon).
3ème partie : "Méthodes d'intégration numérique de Gauss".