

SEMINARS SEMINAIRES

TUESDAY 24 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"Diffractively produced resonances at high energies in the final state ($\pi^-\pi^-\pi^+$)"

by G. Thompson / Univ. of Oxford

Abstract : Some 600,000 clean events of the reaction $\pi^-p \rightarrow (\pi^-\pi^-\pi^+)p$ have been obtained using the WA3 forward meson spectrometer at incident beam energies of 63 and 94 GeV/c, and with a sample at higher momentum transfers. This represents the highest energies and an order of magnitude increase in statistics over previous experiments. Using partial wave analyses the A_2 meson is extracted and used as a touchstone to show the resonant nature of the A_1 phenomenon. In addition, the A_3 is conclusively shown to be resonant, with branching ratios into several channels, and a further resonant structure at higher masses is presented.

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

WEDNESDAY 25 JULY

CERN COMPUTER SEMINAR

at 14.00 hrs - Auditorium

"TRIPOS - a portable operating system for mini-computers"

by M. Richards / Cambridge Univ., England

Abstract : TRIPOS is a simple multi-tasking operating system designed to run on most makes of mini-computer. It is implemented mainly in BCPL and runs on the PDP-11, the Nova and the Computer Automation LSI-4 computers and more implementations are planned. The system provides a friendly interactive multi-processing environment suitable for a wide range of applications including text handling, data base systems, communication systems and process control. From the user's point of view, substantial parts of the system are machine independent, including, for instance, the filling system, the command language and its interface with running programs, text editors, overlaying facilities and interprocess communication primitives. The demonstrations will cover rapidly many of the basic features of TRIPOS using a number of TV monitors duplicating the text displayed on a TRIPOS terminal. Several multi-tasking examples will be given as well as a few more sophisticated examples involving communication with other machines connected to the Cambridge high speed data ring.

THURSDAY 26 JULY (*)

EP SEMINAR

at 17.00 hrs - Auditorium

"Recent results from Goliath"

by R. Barate / Saclay

Abstract : A review is presented of the (still preliminary) results of experiment WA 11, based on a sample of 10,000 J/ψ 's. Indications on the presence of the "beauty" flavoured B meson is discussed.

(*) Please note change of day.

MONDAY 30 JULY

EP SEMINAR

at 17.00 hrs - Auditorium

" μ -pair production by 200 and 280 GeV/c hadron beams"

by J. Timmermans / CERN

TUESDAY 31 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Correlation of high p_T $\pi^0 - \pi^0$ and $\eta - \pi^0$ mesons"

by D. Lissauer / CERN and Tel-Aviv Univ.

THURSDAY 2 AUGUST

CERN COLLOQUIUM

at 16.00 hrs - Auditorium

"Cosmology confronts particle physics"

by G. Steigman / Bartol Research Foundation of the Franklin Institute

INFORMATIONS

GENERALES

GENERAL INFORMATION

AVIS DE DECES

Nous avons le regret d'annoncer le décès de Monsieur Elio MASNERI survenu le 16 juillet 1979 à la suite d'une longue maladie.

Monsieur MASNERI a travaillé dans la Division SB et était au CERN depuis le 1er août 1964. Il laisse une veuve et un enfant.

Les Directeurs généraux ont envoyé un message de condoléances de la part du personnel du CERN à la famille.

Division du Personnel