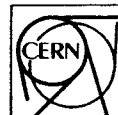
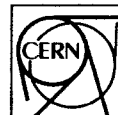
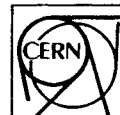


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WEEK MONDAY 7 AUGUST

n° 32/89

SEMAINE DU LUNDI 7 AOUT

SEMINARS SEMINAIRES

Monday 7, 8, 9 & 10 August

SPECIAL PS ACCELERATOR SEMINARS

at 14.30 hrs – PS Auditorium

An introduction to accelerators (wide screen video retransmission of a series of 7 lectures given originally in 1988)

by E.J.N. WILSON / CERN-PS

The course is intended for anyone with a technical or scientific background who would like to become familiar with the principles of accelerator design. The level of the course is chosen with the intention of preparing those with no specialist knowledge of accelerator theory for the CERN Accelerator School but it is also of interest to a much wider audience. There is a series of seven talks on all aspects of circular machines which covers in a simple way the principles of focusing, betatron motion, dispersion chromaticity, radio-frequency systems and phase stability and beam instabilities. The special features of electron machines are also emphasized in preparation for LEP operation.

(Notes will be available to help in viewing transparencies and advance copies may be requested from BITTER@CERNVM).

Wednesday 9 August

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Windows on new physics from rare Z decays

by E.W.N. GLOVER / CERN

Within one year of running at LEP, as many as 10^7 Z decays could be observed, allowing the possibility of detecting rare Z decays with branching ratios as small as 10^{-6} . We review the rates for rare Z decays within the standard model. In many cases, the predicted rate is so small that the observation of such decays is a clear indication of physics beyond the standard model, for example, Higgs bosons or lepton flavour violation. We discuss the sources of new physics that may be identified.

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

This week

Mon. 7 August	09.00	--	--
	10.30	--	--
Tue. 8 August	09.00	--	--
	10.30	--	--
Wed. 9 August	09.00	W. Schnell	Electron positron colliders in the TeV energy range
	10.30	--	--
Thu. 10 August	09.00	F. James	Monte Carlo and random numbers (1)
	10.30	W. Hillebrandt	The Supernova 1987A in the Large Magellanic Cloud
Fri. 11 August	09.00	F. James	Monte Carlo and random numbers (2)
	10.30	C. Wetterich	A new force weaker than gravity ?