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OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading. Reproduction of all or part of this information by persons or institutions external to the Organization requires the prior approval of the CERN management.

STATUTS DE LA CAISSE DE PENSIONS

Comme annoncé dans le bulletin hebdomadaire No 27 du 29 juin 1987, les Statuts et Règlements de la Caisse de Pensions du CERN peuvent être obtenus auprès des secrétariats de Division ou, pour les bénéficiaires, directement auprès de l'administration de la Caisse.

L'amendement No 1 aux Statuts, relatif aux facteurs de réduction applicables au personnel nouvellement recruté, est maintenant distribué de la même manière.

Nous vous demandons de bien vouloir remplacer les pages comme indiqué.

Administration de la Caisse
de Pensions du CERN
Tél. 2738

PENSION RULES

As announced in Weekly Bulletin No 27 of 29 June 1987, the Rules and Regulations of the CERN Pension Fund can be obtained from Divisional Secretaries or, by Beneficiaries, directly from the Administration of the Fund.

Amendment No 1 to the Rules relating to Reduction Factors for newly recruited staff is now being distributed in the same way.

Please replace the pages as indicated.

Administration
CERN Pension Fund
Tel. 2738

SEMINARS **SEMINAIRES**

Tuesday 4 August

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Mark II program at the SLC

by Jonathan DORFAN / SLAC

The Mark II has been rebuilt and tested at PEP. It is now located at the SLC awaiting completion of the SLC commissioning. The performance of the upgraded detector will be discussed plus the results of studies on the ability of Mark II to perform Z^0 physics.

* Tea and coffee will be provided at 16.00 hrs.

Wednesday 5 August

THEORETICAL SEMINAR

at 14.00 hrs – Theory Conference Room

Probing the vacuum with heavy ions

by J. RAFELSKI / CERN

Topics to be discussed :

- a) *Quark-gluon plasma formation at SPS;*
- b) *Strange hadrons from QGP;*
- c) *'Axio'matic strong fields and GSI e^+ -peaks.*

Wednesday 5 August

DD SEMINAR

at 16.00 hrs – DD Auditorium
bldg 31, 3-005

IDA : an Interactive Data Analysis environment

by T.H. BURNETT / SLAC

IDA was originally developed for DST analysis of Mark III data at SLAC 5 years ago. It is still in heavy use by Mark III, but has users in other groups at SLAC, and even a few at CERN. Its success has prompted SLD to adopt it as the environment or shell for all its offline analysis. This has involved integration with the SLD data management system, Jazelle, and the addition of facilities to allow easy incorporation of large amounts of Monte Carlo or production analysis code. It will be indicated how this was done without compromising the interactive analysis capabilities.

Thursday 6 August

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

The observation of charmless decays of B mesons

by Hartwig ALBRECHT / DESY

Using the Argus detector at the e^+e^- storage ring DORIS II, we have observed charmless decays of B mesons into the final states $p\bar{p}\pi^\pm$ and $p\bar{p}\pi^+\pi^-$. The significance of the signal corresponds to more than 5.5 standard deviations. The branching ratios are $(3.7 \pm 1.3 \pm 1.4) \times 10^{-4}$ for the three-body and $(6.0 \pm 2.0 \pm 2.2) \times 10^{-4}$ for the four-body final state. These decays are attributed to $b \rightarrow u$ quark transitions as indicated by our data, and their observation leads to the conclusion that the Kobayashi - Maskawa matrix element V_{ub} is non-zero.

* Tea and coffee will be provided at 16.00 hrs.

Friday 7 August

MEETINGS ON PARTICLE PHYSICS PHENOMENOLOGY

at 11.00 hrs – Theory Conference Room

Time reversal tests with polarized neutrons

by P. KABIR / CERN and University of Virginia

Spin-dependent interactions of neutrons cause modification of their polarization when they pass through a spin-ordered medium. Polarization-asymmetry theorems are established which provide unambiguous tests of T-invariance, both for parity conserving and non-conserving interactions.

Monday 10 August

TIS SEMINAR

at 14.30 hrs – PE Auditorium (Techn. Training)
Bldg 593, Room 11

Looking for hazards in LEP experiments

by R. DAVIES

The increasing scale and complexity of particle detectors makes a formal approach to hazard identification and assessment desirable. Techniques developed in the nuclear and process industries are now being applied to the four LEP experiments. The use of HAZOP (HAZard and OPERability Study) and Fault Tree Analysis will be described, using LEP case studies as examples.

The speaker, a visitor in EF Division, has a wide experience of the hazards and also accidents in many industries, having been for several years a member of a UK research organization which provided consultancy service on the scientific and technological aspects of insurance risks.

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURE PROGRAMME

Date	Time	Lecturer	Title
This week			
Mon. 3 August	09.00	F. James	Monte Carlo and random numbers (1)
	10.30	V.F. Weisskopf	Science, technology and society
Tue. 4 August	09.00	F. James	Monte Carlo and random numbers (2)
	10.30	A. de Rujula	Weaker forces than gravity
Wed. 5 August	09.00	G. Conforto	e^+e^- physics (1)
	10.30	--	
Thu. 6 August	09.00	G. Conforto	e^+e^- physics (2)
	10.30	--	
Fri. 7 August	09.00	G. Conforto	e^+e^- physics (3)
	10.30	--	