

COMMUNICATIONS OFFICIELLES

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OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading.

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STATUTS ET REGLEMENTS DE LA CAISSE DE PENSIONS

La modification No 5 aux Statuts de la Caisse de Pensions concernant :

- le Règlement du Conseil d'administration de la Caisse
- le Règlement de la Commission de placement
- le Règlement des recours
- le Règlement des élections au Conseil d'administration
- le Règlement financier

peut être obtenue auprès des secrétariats de division ou, pour les bénéficiaires, directement auprès de l'Administration de la Caisse (tél. 767 27 38).

Administration de la Caisse de Pensions

RULES AND REGULATIONS OF THE PENSION FUND

Amendment No 5 to the Rules of the Pension Fund concerning :

- the Regulations of the Governing Board of the Pension Fund
- the Regulations of the Investment Committee
- the Regulations for Appeals
- the Regulations for Elections to the Governing Board
- the Financial Regulations

can be obtained from Divisional Secretariats or, by beneficiaries, directly from the Administration of the Fund (tel. 767 27 38).

Administration of the Pension Fund

SEMINARS SEMINAIRES

Monday 26 February

EP SEMINAR

at 16.30 hrs - Auditorium

Recent Mark II results on Z decays to bottom quarks

by J.F. KRAL / Lawrence Berkeley Laboratory

Using isolated leptons reconstructed in the Mark II detector to tag bottom quark events, we have measured the fraction of such events in hadronic Z decays. As an example of a future direction for bottom physics at the Z, we show results from the first run with the Mark II Drift Chamber and Silicon Strip Vertex Detectors.

Tuesday 27 February

CERN COLLOQUIUM

at 16.30 hrs - Auditorium*

Self-reproducing Universe

by Andrei LINDE / CERN

Cosmologists now believe that the universe at the very early stages of its evolution came through the stage of inflation, exponentially rapid expansion in an unstable vacuum state. Inflationary cosmology is different in many respects from the Standard Big Bang cosmology. Domains of the inflationary universe with sufficiently large energy density permanently produce new inflationary domains. Therefore the evolution of the universe in the inflationary scenario has no end and may have no beginning. After inflation, the universe becomes divided into different exponentially large domains inside which properties of elementary particles and dimension of space-time may be different. According to the recently proposed baby universe theory, the global structure of the universe may be even more complicated : the universe at the quantum level may consist of many different universes with different laws of physics in each of them. The new cosmological theory leads to a considerable modification of the standard point of view on the structure and evolution of the universe and on our own place in the world.

* Tea & coffee will be served at 16.00 hrs.