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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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CAISSE DE PENSIONS

Tous les membres et bénéficiaires de la Caisse de Pensions sont invités à

l'Assemblée générale annuelle

qui se tiendra

**à l'Amphithéâtre du CERN
mercredi 20 septembre 1989, à 16 heures.**

L'ordre du jour sera publié la semaine prochaine.

Une partie de la réunion sera consacrée à répondre aux questions des membres ou bénéficiaires. Celles-ci sont à adresser, si possible d'avance, par écrit à M. Christian Cuénoud, Administrateur de la Caisse.

PENSION FUND

All members and beneficiaries of the Pension Fund are invited to attend the

Annual General Assembly

to be held

**in the CERN Auditorium
on Wednesday 20 September 1989, at 16.00 hrs.**

The Agenda will be published next week.

There will be a question and answer period. Please address any questions, preferably in writing, to Mr Christian Cuénoud, Administrator of the Fund.

SEMINARS SEMINAIRES

Wednesday 13 September

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

New lower bounds on many-body Hamiltonians

by J.-L. BASDEVANT / Orsay and Paris,
A. MARTIN / CERN & J.-M. RICHARD /
Grenoble

*A new lower bound on the ground state of
many-body non-relativistic Hamiltonian in terms of*

*two-body Hamiltonians is obtained by eliminating
centre-of-mass energies. When applied i) to systems
of self-gravitating bosons, ii) to baryons made of
three quarks, this lower bound gives results remark-
ably close to the exact ground-state energies. In fact
for, and only for, harmonic oscillator forces, it gives
the exact answer as shown by T.T. Wu. Various
generalizations and other possible applications will
be discussed.*

Thursday 14 September

TIS SEMINAR

at 14.30 hrs – Auditorium

New developments in the finite element method and adaptive refinement procedures

by O.C. ZIENKIEWICZ / University College Swansea, UK

Very considerable progress in FEM has been achieved in the last decade; first a whole new range of complex (coupled) problems has yielded satisfactory solutions using well established procedures; second, the challenge of problems of fluid mechanics has led development of new approximations allowing the previously elusive field of compressible gas dynamics to be dealt with. Third, and most important, the establishment of economical error estimating methods coupled with automatic mesh generation allows problems to be solved with an a priori specified accuracy. This development cuts across all fields of application and will be emphasized.

Professor O.C. Zienkiewicz is a leading personality in the field of Finite Element. He is among the originators of the Finite Element method and has contributed to its development and application to various fields with numerous scientific publications.

Thursday 14 September

CERN COLLOQUIUM

at 16.30 hrs – Auditorium*

Autobiographical notes

by B. PONTECORVO / JINR, Dubna

Recollections will be presented including physics at Rome at the time of Fermi and Majorana

* Tea & coffee will be served at 16.00 hrs.

Friday 15 September

MEETING ON

PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Flavour and spin structure of the proton

by R.F. JAFFE / MIT

Friday 15 September

PRESENTATION

14.00 to 16.00 hrs – DD Auditorium

Digital Compound Document Architecture

by Malcolm TAYLOR & Irene GERVAZ / Digital Equipment Corporation

Presentation and demonstration of Digital's Compound Document Architecture (CDA) and its associated tools :

- DECwrite, a WYSIWYG compound document editor for desktop publishing
- DECdecision, an integrated decision support tool

- CDA Converter Library, a tool for converting document formats to and from the DDIF format (including SGML)

Friday 15 September

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

First physics results from the Mark-II at the SLC

by Jordan NASH / SLAC

Details of the analysis of the first five months of data taking at the SLC will be presented. Measurement of the mass of the Z^0 , total width, and partial width to invisible light fermions will be discussed. Properties of the hadronic and leptonic decay modes and searches for new particles will also be shown.

* Tea & coffee will be served at 16.00 hrs.

Mardi 19 septembre

PRESENTATION TECHNIQUE

de 09.30 à 16.00 h – bât. 6, 2-004

Radiophone SA (CH) propose en exposition démonstration des systèmes de sécurité, de contrôle d'accès et de gestion informatisée des bâtiments.*

Tuesday 19 September

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

A new measurement of ϵ'/ϵ by FNAL E731

by Taku YAMANAKA / FNAL

Thursday 21 September

TECHNICAL PRESENTATION

09.00 to 12.00 hrs – EF Conference Room bldg 13, 2-005

Apex Seminar on High Performance Power Operational Amplifiers