

l'allocation correspondante devra être supprimée avec effet rétroactif au 1er septembre 1987.

Remboursements et Congés
Division du Personnel
Tél. 3238-4474

by 15 February 1988 will have to be stopped with retro-active effect from 1 September 1987.

Claims and Leave
Personnel Division
Tel. 3238-4474

PS : CARTES D'ACCES AUX ZONES SOUS ACCES CONTROLE

Le système d'accès contrôlé de l'anneau PS est en cours de renovation (janvier et février) et une carte d'accès personnelle et non transmissible sera nécessaire dès le redémarrage.

Les formulaires à remplir pour l'obtention de cartes d'accès (personnel CERN et d'entreprises) sont à demander à :

P. Noverraz / PS / 2505
bât. 10/1-012

PS DIVISION : ACCESS CARDS FOR CONTROLLED ACCESS AREAS

A new access-control system is being installed at the PS (January and February). When the machine restarts everyone will require a personal, non-transferable access card.

Application forms for the cards (CERN and contractors' staff) are available from :

P. Noverraz / PS / 2505
Building 10/1-012

SEMINARS SEMINAIRES

Tuesday 26 January

SPS EXPERIMENTS COMMITTEE

Open Session

at 09.00 hrs – Auditorium

1. Status Report on WA79/CHARM II
2. Status and perspectives of UA1 (C. Rubbia)
3. Status report on UA2
4. Status report on collider operation with ACOL (J. Gareyte)

Closed Session

at 14.00 hrs – Conference Room 6th floor, Administration Building (to be continued on Wednesday 27 January at 09.00 hrs).

Wednesday 27 January

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Spinning particle in a curved metric

by S. FUBINI / CERN

The Polyakov approach to string theory, based on the interaction of a relativistic string with an external gravitational field, revives interest in the older and simpler problem of the dynamics of a point in a curved metric. In that case some ambiguity already appears related to the ordering problem of the quantum operators; the same physical difficulty appears in a different mathematical form in the path integral approach. It is shown that supersymmetry is extremely

helpful in dealing with this problem. Indeed the combination of supersymmetry and general co-ordinate invariance allows for a unique definition of the dynamical problem.

Mercredi 27 Janvier

SEMINAIRE LEP

à 14.30 h – Amphithéâtre LEP
bât. 30, 7e étage

Mesures magnétiques des aimants du LEP

par L. WALCKIERS / CERN-LEP

Les tests de réception des aimants du LEP touchent à leur fin. Les mesures magnétiques ont été principalement faites par rotation de bobines (champ des dipôles, mesures harmoniques) ou par déplacement de bobines (qualité de champ des dipôles, wigglers). L'exposé comprendra une présentation des systèmes employés, une analyse des précisions de mesure obtenues et quelques exemples de défauts mesurés sur des aimants. Les principes de mesures et de traitement électronique seront comparés à ceux utilisés dans d'autres laboratoires ou ceux susceptibles de l'être dans de nouveaux projets.

Wednesday 27 January

CERN COMPUTER SEMINAR

at 16.00 hrs – Auditorium*

Desktop simulation

by Forest BASKETT / Silicon Graphics Inc.

The availability of high performance computing and high performance graphics in a tightly integrated superworkstation format allows the real-time simulation of many scientific problems directly at the researcher's desk. 1988 will see the superworkstation evolve into a shared-memory multi-processor RISC architecture, capable of delivering 40 MIPS of numerical computation power, combined with a highly parallel graphics architecture able to sustain 40 Megaflops of geometry processing performance. The coordinated impact of these two processing elements creates a user-friendly, networked environment of simulation stations delivering visual computing to complement the established central computing and filing resources traditionally existing in a research installation.

The speaker

Forest Baskett is the Vice President of Research and Development at Silicon Graphics Inc. He is also a consulting Professor at Stanford University in both the Computer Science and Electrical Engineering Departments, after being a faculty member there for eleven years. From 1982 to 1986, Dr Baskett was Group Manager of DEC's Western Research Laboratory. He has a PhD in Computer Science from the University of Texas, and a BA in Mathematics from Rice University.

* Coffee and tea will be served at 15.30 hrs.

Friday 29 January

SPS SEMINAR

at 11.00 hrs – SPS Auditorium
bldg 864, 1st floor

Study of the acceptance of proton accelerators and its reduction due to chaotic motion

by Frank SCHMIDT / CERN-SPS

An approximate definition of the 6-dimensional acceptance of superconducting proton accelerators is given by computer simulations. The case of the Hera proton ring is extensively presented.

EF SPRING SEMINARS 1988

EF Division is organizing a new series of seminars to take place this spring.

Preliminary programme :

29 February	Event viewing for the ALEPH detector	Hans Drevermann / CERN-EF
7 March	Polarization at LEP	Daniel Treille / CERN-EP
14 March	Design consideration for CMOS integrated circuits in future Particle Physics Experiments	Pierre Jarron / CERN-EF
21 mars	GSS : Système de surveillance générale des zones d'expérience LEP	Edo Sbrissa / CERN-EF
28 March	A thermodynamic approach to cryogenics	Jörg Schmid / CERN-EF
11 April	The role of microelectronics, microprocessors and computers in present-day experiments	Philippe Gavillet / CERN-EF
25 April	The deep underwater muon and neutrino project and the successful short prototype string experiment	Peter Grieder / Univ. of Bern

Unless otherwise indicated, the seminars will take place on Mondays from 11.00 hrs to 12.00 hrs in the EF Conference Room, Bldg 13, 2-005.

Friday 29 January

MEETINGS ON PARTICLE PHYSICS PHENOMENOLOGY

at 11.00 hrs – TH Conference Room

What we learnt from heavy flavour decays

by B. STECH / CERN

Monday 1 February

MEETINGS ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Search for forces weaker than gravity

by E. ADELBERGER / Univ. of Washington, Seattle

Wednesday 3 February

LEP SEMINAR

at 14.30 hrs – LEP Auditorium
bldg 30, 7th floor

Design and fabrication of the LEP accelerating structure

by I. WILSON / CERN-LEP

Wednesday 3 February

CERN COMPUTER SEMINAR

at 16.00 hrs – Auditorium

The future of algebraic computation

by Anthony C. HEARN / The RAND Corporation

SEMINAIRES EF DU PRINTEMPS 1988

Ce printemps la division EF organise une nouvelle série de séminaires.

Programme préliminaire :

Sauf avis contraire, les séminaires auront lieu le lundi de 11.00 h à 12.00 h dans la Salle de Conférence EF, Bât. 13, 2-005.