

SEMINARS SEMINAIRES

Monday 26 April

EF SEMINAR

at 11.00 hrs – EF Conference Room
(Building 13/2-005)

Introduction to the physics at e^+e^- and $p\bar{p}$ colliders (1)

by P. Jenni

The purpose of the two lectures is to give to the non particle physicist an elementary introduction to the exciting physics of high energy e^+e^- and $p\bar{p}$ collisions. Particular emphasis will be put on the possibilities opened up by the SPS $p\bar{p}$ collider now in action and the future LEP e^+e^- machine.

Mardi 27 Avril

PRESENTATION TECHNIQUE

09h00/12h00 – Bâtiment 13, Salle 2-005

MMI (Monolithic Memories Inc. – USA/D), représenté par Industrade AG propose une conférence sur les circuits PAL (Programmable Array Logic) par Willy Voldan, ing. applications, MMI Munich : “Introduction, presentation of MMI products – programmable logic, the advantages, applications – technology and programming of PALs, use of the PALASM assembler on most development systems – function simulation with the PALSIM simulator – discussion”.

Langue : Anglais.

Renseignements : M. Diraison / FI / 4585.

Wednesday 28 April

THEORETICAL SEMINAR

at 14.00 hrs – Theory Conference Room

Non-perturbative continuum formulation of quantum Yang-Mills theory

by P.K. Mitter / CERN

A non-perturbative formulation of continuum quantum Yang-Mills theory will be presented, taking into account the continuum geometry and topology of classical Yang-Mills fields. The approach is Hamiltonian, which is realized as an invariant infinite dimensional second order elliptic operator plus potential on the non-linear space of gauge orbits. The corresponding Feynman-Kac integral is also constructed by first constructing a suitable Brownian motion on the space of gauge group orbits. The approach is made rigorous by introducing a space-volume cut-off and a gauge covariant continuum ultra-violet cut-off.

LEP PROJECT COMMITTEE

Open Session

at 14.30 hrs – ISR Auditorium
(Building 30, 7th floor)

- Radiation protection system for LEP (K. Goebel).
- Cooling and ventilation of LEP ring (M. Schmitt).

Wednesday 28 April

DD SEMINAR

at 16.00 hrs – DD Auditorium
(Building 31, 3rd floor)

Pascal standardization

by J.D. Blake

The specification for computer programming language Pascal is now an approved British standard (BS 6192 : 1982) and should become an international standard (ISO 7185) soon. The talk will describe the Pascal standard, with emphasis on the changes introduced, the Pascal validation suite, which is a set of programs designed to test a Pascal implementation for conformance with the standard, and the Pascal model implementation, which demonstrates how the requirements of the standard can be met.

Thursday 29 April

DD COLLOQUIUM

at 14.00 hrs – Auditorium*

Series : Office Automation and Person-Oriented Computing

Speakers :

– C. Pellegrini on Office Automation at the ‘Université et Etat de Genève’

– H. Slettenhaar on the use of Personal Computers in Technical Training at CERN.

* Please note change of venue for this meeting as the Council Chamber is unavailable. Both these talks will be given in French.

Monday 3 May

EF SEMINAR

at 11.00 hrs – EF Conference Room
(Building 13/2-005)

Introduction to the physics at e^+e^- and $p\bar{p}$ colliders (2)

by P. Jenni

EP SEMINAR

at 17.00 hrs – Auditorium

Search for exotic states and other rare annihilation modes in $p\bar{p}$ annihilation at rest

by L. Tauscher / Univ. of Basle

The results of the Basle – Karlsruhe – Stockholm – Strasbourg – Thessaloniki experiment on baryonium will be presented and compared with previous results obtained by the same collaboration. The gamma spectra emerging from the $p\bar{p}$ annihilation were scanned for narrow peaks. Results on annihilation modes involving single gammas, neutral pions and etas will also be presented.

Tuesday 4 May

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Polarization of positive muons produced in
high-energy antineutrino interactions

by F.-W. Büsler / II. Inst. für Experimental-
physik, Hamburg

INFORMATIONS

GENERALES

GENERAL INFORMATION

A TOUS LES MEMBRES DU PERSONNEL :

Postes temporaires

Pendant la période mi-juin – mi-septembre, le CERN va disposer d'un nombre limité de postes temporaires (en général pour des travaux non-qualifiés et de routine) qu'il peut offrir à des enfants de membres du personnel (c'est-à-dire toute personne en possession d'un contrat du CERN). Les candidats doivent avoir au moins 18 ans et au maximum 24 ans. *En raison du nombre limité de postes disponibles, il ne sera pas possible de considérer les candidatures des enfants ayant déjà travaillé au CERN dans le cadre de ce programme.* La durée de l'engagement est de 4 semaines. Nous demandons à chaque intéressé de faire parvenir au Département du Personnel une demande d'engagement pour leur enfant. Les formulaires peuvent être obtenus au Département du Personnel, Service des Boursiers et Attachés, Bureau 5-3-008 (veuillez utiliser le talon ci-dessous). Les demandes d'engagement, dûment remplies, doivent parvenir à ce Service le 19 mai au plus tard. Les résultats de la sélection seront probablement connus vers la fin du mois de mai.

Service des Boursiers et Attachés
Département du Personnel



Veuillez me faire parvenir une demande d'engagement
"Postes temporaires pour les enfants des membres du
personnel"

Nom

Division/Département



COURS AUDIO-VISUEL VAX, PDP (DD-OC)

Les écouteurs pour les cours sus-mentionnés ont disparus : il est urgent de les retrouver. Si vous avez oublié de les retourner avec le projecteur et les cassettes, vous êtes priés de les envoyer à Avis Hoekemeijer, DD, 31/2-006. Il est rappelé que le registre (Loan Book) doit être rempli chaque fois que cet équipement est emprunté ou retourné.

**POST VACANT : Temporary Lectureship in High
Energy Physics at the University of Oxford**

Applicants are invited for a five year appointment from 1 October 1982 on the University Lecturer Scale (£ 6070 to £13735 – according to age). The post will involve demonstrating in the teaching laboratories, lecturing and research. High energy physics research in the department involves experiments on TASSO at DESY, the EMC, EHS and BEBC neutrino experiments at CERN, and non-accelerator projects including studies of proton decay and solar neutrinos. Applications together with the names of two referees should be sent to Professor D.H. Perkins, FRS, Department of Nuclear Physics, Keble Road, Oxford OX1 3RH, UK, by Monday 17 May 1982. Applicants should ask referees to write direct to the above address.

**AUX UTILISATEURS DE VELOMOTEURS CERN
EQUIPES DE PLAQUES GE – RAPPEL**

Les permis de circulation 1981 doivent parvenir avant le 3 mai 1982, dernier délai, à P. Badoux – Groupe Transports – Division SB, afin de procéder au renouvellement pour l'année 1982.

DD-OC VAX, PDP AUDIO-VISUAL COURSES

The earphones for the above courses are missing and are required urgently. If you have forgotten to return them with the projector and cassettes, please send them, as soon as possible, to Avis Hoekemeijer, DD, 31/2-006. You are reminded that the Loan Book must be filled in whenever equipment is borrowed or returned.