

SEMINARS

SEMINAIRES

MONDAY 27 APRIL

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(Top floor of Building 30)

"The Spallation Neutron Source at the
Rutherford Laboratory"

by Graham Rees / R.H.E.L.

EP SEMINAR

at 17.00 hrs - Auditorium

"Three Jet Events at the ISR"

by J.S. Wallace-Hadrill / CERN

Abstract : A study of data from experiment R108 taken with a high p_T trigger has shown a fraction of events that appear to have three hadronic jets in addition to the downstream jets. This fraction is three times larger than is expected from the background from two jets or from other sources, and when corrected for efficiencies is much larger than the fraction of triple jet production in hadronic events from e^+e^- at DESY.

TUESDAY 28 APRIL

PRESENTATION TECHNIQUE

9h00/16h00 - Parking PTT, Bât.63

ALFA INGENIEURBÜRO AG (CH), représentant KEYSTONE ET WORCESTER (UK/NL), présente : vannes papillon, à boule, actionneurs pneumatiques, électriques.
Applications : eau, produits chimiques, gaz, vide.

Langues : Anglais, français.

Renseignements : M. Diraison / FI / 4585.

PRESENTATION TECHNIQUE

9h00/16h00 - Salle 2-005, Bât.13

KONTRON ELECTRONIC (CH), représentant ADVANCED MICRO DEVICES (USA), propose un séminaire AMD : 9h00/11h15, introduction, produits de support pour séries AM 2900 et AmZ 8000, Error Detection/Correction AM 2960/8160, Burst Error Processor AmZ 8065/9520, Data Ciphering Processor AmZ 8068/9618 - 11h15/12h15, Bipolar MOS Memories 2048 x 4 PROM Am 275185 A, 4096 x 4..., 1024 x 1 ..., Dynamic Memory Controller - 14h00/15h30, Microprocessors, Microprocessor Systems, Arithmetic Processing Unit, 16 Bit Bipolar Microprocessor, 16 Bit Memory Management Unit - 15h30/16h00, Linear IC's, Power Supply Controller, 12 Bit D/A Converter, 18 Bit A/D Converter.

Langue : Anglais.

Renseignements : M. Diraison / FI / 4585.

CERN PARTICLE PHYSICS SEMINAR

at 16h30 - Auditorium*)

"Experimental Study of γ -Distributions in
Neutral and Charged Current Neutrino and
Antineutrino Interactions"

by V. Blobel / Univ. of Hamburg-CHARM Collab.

Abstract : Neutral and charged current interactions induced by neutrinos and anti-neutrinos on an isoscalar target have been measured by the CHARM Collaboration. Inclusive cross-sections as functions of the inelasticity variable y , corrected for acceptance and resolution unfolded, are presented. They allow the investigation of the space-time structure of the weak current, an upper limit can be put on the presence of scalar and pseudoscalar contributions. The coupling strength of the weak neutral current to the strange quark is compatible with being equal to that of the down quark.

*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

WEDNESDAY 29 APRIL

ISOLDE SEMINAR

at 10.30 hrs - SC Conference Room
(26/1-025)

"A Search for Band-Crossings in Ytterbium
Nuclei"

by W. Walus / Lund and Cracow

Abstract : The back-bending phenomenon in deformed rare-earth nuclei is understood as a result of the selective rotation alignment of a pair of $i 13/2$ neutrons. Band crossings and backbending should not be a feature characteristic of the yrast bands only. Near the yrast line there should exist many other bands, which may also experience backbending due to the alignment of the $i 13/2$ neutrons. A study of the band structure of the side bands is therefore imperative for a better understanding of the behaviour of the quasiparticles near the Fermi surface under the influence of the strong Coriolis forces in rapidly rotating nuclei.

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"The Inverse Scattering Transformation
and Functional Integrals"

by H. De Vega / Paris

Abstract : The method will be introduced and applied to quantum mechanics and field theory.

WEDNESDAY 6 MAY

ISOLDE SEMINAR

at 10.30 hrs - SC Conference Room
(26/1-025)

"Low Energy Atomic Collision Measurements
at ISOLDE"

by G. Sidenius / Copenhagen

THURSDAY 7 MAY

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"Physics and My Method"

by M. Feldenkrais / Tel Aviv

FRIDAY 8 MAY

OPEN MEETING ON LEP

at 14.00 hrs - Auditorium

Agenda :

1. Expected LEP Performance - by S. Myers.
2. Progress on RF Superconductivity -
by H. Lengeler.

INFORMATIONS GENERALES GENERAL INFORMATION

AUX UTILISATEURS DU SERVICE DES MAGASINS

Afin de permettre la continuité du service, la fermeture des trois magasins self-services pour cause d'inventaire sera décalée de façon à ce qu'au moins un magasin reste ouvert.

Du 24 avril au 20 novembre 1981 (excepté durant les mois de juillet/août) les self-services Meyrin (Bât.113) et Prévessin (Bât.904) seront fermés le vendredi matin et le self-service Central (Bât.119) sera fermé le vendredi après-midi.

Division des Finances

DÉLAIS D'INSERTION DANS LE BULLETIN No.19/81
(SEMAINE DU LUNDI 4 MAI)

En raison de la Fête du Travail le vendredi 1er mai, le délai de réception des documents à insérer dans le Bulletin hebdomadaire No.19/81 est avancé d'un jour, soit au lundi 27 avril à midi; parution du Bulletin le jeudi 30 avril.

Groupe des Publications
Tél. 4106/3576

BULLETIN CERN
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TRAINING AND EDUCATION ENSEIGNEMENT

MONDAY 27, TUESDAY 28, WEDNESDAY 29
AND THURSDAY 30 APRIL

ACADEMIC TRAINING

(Tel. 2844)

at 11.00 hrs - Auditorium

"Macroscopic Theory of Superconductivity -
Applications"

Monday 27 and Tuesday 28 April, Lectures 1 and 2
by E. Baynham / Rutherford Laboratory

Wednesday 29 and Thursday 30 April, Lectures 3
and 4, by C. Walters / Rutherford Laboratory

(For abstract, see *previous Bulletin and notices.*)

AUX UTILISATEURS DE VELOMOTEURS CERN
ÉQUIPÉS DE PLAQUES GE 80 - RAPPEL

Les permis de circulation 1980 doivent parvenir avant le 4 mai 1981, dernier délai, à P. Badoux - Groupe Transports - Division SB, afin de procéder au renouvellement pour l'année 1981.

TO USERS OF THE STORES SERVICES

In order to maintain continuity in the service, the closure of the three self-service stores for inventory purposes will be arranged in such a way that at least one store will remain open.

From 24 April to 20 November 1981 (except for the months of July and August) the Meyrin (Bldg.113) and Prévessin (Bldg.904) self-services will be closed on Friday mornings. The Central self-service (Bldg.119) will be closed on Friday afternoons.

Finance Division

RÉINTÉGRATION - Sécurité sociale française

La prochaine permanence de la Sécurité sociale française aura lieu

mardi 5 mai 1981 de 14h00 à 16h00
salle de conférences No.1, Div. PE, 1er étage, Bât.5.

Les personnes intéressées sont priées de prendre rendez-vous en téléphonant au Secrétaire des Affaires sociales, interne 4201.

CERN BULLETIN