

Jeudi 22 Octobre

PRESENTATION TECHNIQUE

09h30/12h00 - Meyrin, Bât. 13, Salle 2-005

14h30/16h30 - Prévessin, Bât. 864/I-A Amphi.

MERLIN GERIN (F) présente : la nouvelle génération des disjoncteurs basse tension du type COMPACT de 125 à 400 A - coupure pleinement apparente, double isolation, pouvoir de coupure 150 000 A en version limiteur, économie sur l'appareillage et l'installation en utilisant la technique de la filiale, système 'bloc' rendant très facile l'adjonction d'accessoires - COMPACT CM de 1250 à 2500 A/500 V avec déclencheur électronique - gamme d'appareillage modulaire MULTI 9, minidisjoncteurs, interrupteurs différentiels jusqu'à 63A/380 V, télérupteurs, coupe-circuits, relais différentiels - gamme des coffrets tôles et polyester.

Langue : Français.

Renseignements : M. Diraison / FI/4585.

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Council Chamber *)

'Tests of Quantum Chromodynamics in Neutrino Interactions'

by G. Myatt / Oxford Univ.

Data on the inelastic structure functions and on the properties of the final state hadrons produced in neutrino reactions are compared with the predictions of the QCD theory of strong interactions. This review is based upon the rapporteur talk given at the Hawaii Neutrino Conference.

*) 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.

Friday 23 October

TECHNICAL PRESENTATION

09.00 hrs/16.00 hrs - Building 13, Room 2-005

PRIMOTEC AG (CH) is proposing a seminar FAIRCHILD (USA/D) : 1) FAST TTL technology and applications; 2) FAST TTL and other advanced Schottky families; 3) FAST TTL achieves 3 ns propagation delay and only 4 mW power dissipation; 4) ECL Logic 100K series, process technology and reliability.

Languages : English, German.

Information : M. Diraison / FI/4585.

Monday 26 October

EP SEMINAR

at 17.00 hrs - Auditorium

'Measurement of Nucleon Structure Functions in the EMC Experiments'

by John Carr / Rutherford Laboratory

Tuesday 27 October

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

'Global oscillations of the sun'

by G.R. Isaak / Birmingham Univ.

Thursday 29 October

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

'Are there new stable particles? Are there new long range forces?'

by L.B. Okun / ITEP, Moscow

TRAINING AND EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING (Tel. 2844)

October 20, 21, 22, 23

at 11.00 hrs - Auditorium

'Degenerate Fermi matter in the Universe'

by R. Ruffini / Univ. of Rome

Lectures 1 to 4

(For abstract, see last week's Bulletin and notices.)

Friday 23 October

10.30 hrs to 12.30 hrs - DD Div. Auditorium
(Building 31, 3rd floor)

'Digital signal processing'

by M. Kunt / EPF, Lausanne

Lecture 1

(For abstract, see last week's Bulletin and notices.)

October 27, 28, 29, 30 : at 11.00 hrs in the Auditorium : Lectures 5 to 8, by R. Ruffini.

Friday 30 October : 10.30 hrs to 12.30 hrs in DD Div. Auditorium : Lecture 2, by M. Kunt.

Jeudi 22 Octobre

13h00/13h30 - Amphithéâtre
'Science pour Tous'
par R. Carreras

INFORMATIONS **GENERALES** **GENERAL INFORMATION**

RAPPEL - Manodétendeurs

Nous vous rappelons l'existence d'un service de réparation des manodétendeurs géré par le Groupe de Sécurité du Travail (Bât.7), Division HS (téléphone : 2425).

La plupart des manodétendeurs défectueux qui se trouvent dans les divisions pourraient être remis en service après réparation dont le coût est déjà couvert par un arrangement avec votre division.

Division HS

REMINDER - Pressure Regulators

We should like to remind you of the existence of a repair service for pressure regulators operated by the General Safety Group (Building 7), HS Division (Telephone 2425).

Most of the defective pressure regulators stored in the divisions could be put into service again after repair, the cost of which is already covered by an arrangement with your division.

HS Division

VACANCIES

The Institute for Advanced Study, Princeton, New Jersey, will have several openings in theoretical physics and astrophysics for the academic year 1982-83. The positions are at a postdoctoral or higher level and applicants will be selected on the basis of their ability to do research in the areas of elementary particles, mathematical physics, astrophysics, plasma physics, general relativity and statistical mechanics. Preference is given to candidates who have received their Ph.D. within the last year or two.

The Institute will also have a long-term (5 year) opening in high energy physics and field theory beginning September 1982. Salary is commensurate with exceptional qualifications.

Requests for applications for these posts should be addressed to Ms. Valerie Nowak, Administrative Officer, School of Natural Sciences, The Institute for Advanced Study, Princeton, New Jersey 08540, USA.