

project are improvements of the electron identification and of the measurements of missing transverse energy for hard collisions. New end-cap calorimeters with tracking and preshower chambers in front are being constructed. A new set of cylindrical detectors around the vertex region will consist of a 'jet vertex detector' – drift chamber, a silicon counter array, a pair of transition radiation detectors, and a scintillation fiber detector.

Monday 2 December

PRESENTATION

at 14.00 hrs – DD Auditorium
Bldg 31, 3-005

Artificial Intelligence at Digital

by Bill KANIA / DEC, Hudson, Massachusetts

The trade press has given a wide exposure to XCON(R1) and XSEL which are among the first expert systems routinely used in a factory. Several expert systems are in use or in development at Digital. This seminar will present an overview of the work done and the experience gained at Digital's AI Technology Center in Hudson.

Bill Kania is AI Marketing Manager for Digital Equipment.

No specific knowledge of AI is required for this presentation which will last about 45 minutes.

Monday 2 December

CAS ACCELERATOR SEMINAR

at 15.00 hrs – Auditorium

John Adams and his times

by Professor E. AMALDI / Dipartimento di Fisica G. Marconi, Università La Sapienza, Rome

The John Adams' Memorial Lecture will be an annual event which in future years will provide young and promising accelerator engineers and physicists with an opportunity to expose their work in the accelerator field.

The inaugural lecture will put the many very important contributions of John Adams into perspective, not only with respect to CERN, but also with respect to the development of high energy physics in the world.

Monday 2 December

EP SEMINAR

at 17.00 hrs – Auditorium

PLEASE NOTE UNUSUAL TIME

(EP Seminar preceded by J. Adams' memorial lecture)

Hadron spectroscopy – From upsilon to pi-zero

by S. COOPER

Tuesday 3 December

IBM PC USER FORUM

at 09.30 hrs – EF Conference Room
Bldg 13, 2-005

Due to popular demand at the first IBM-PC Forum, the second Forum will have as special topic 'Networking in

CERN'. The aim is to become more educated in networking possibilities and to develop a strategy for the future networking of IBM PCs at CERN.

1. Introduction by Ian WILLERS

2. The following speakers will give a 10 minute presentation on one aspect of networking at CERN:

a. Overview of CERN Networking, by Brian CARPENTER

b. Ethernet, by Mike GERARD

c. PC-Networks, by Charles CURRAN

d. Token-Ring, by Jacques ALTABER.

3. Open question and answer session on any IBM-PC related items.

Tuesday 3 December

PRESENTATION

at 14.00 hrs – PS Conference Room
Bldg 6, 2-004

A distributed expert system using VAX LISP and A.R.T.

by Mike STOCK / Composition System Inc., NY

Wednesday 4 December

LEP SEMINAR

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

Synchro-betatron resonances

by A. PIWINSKI / CERN-LEP

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL Tél. 2844

Jeuvi 28 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

Prochain exposé : 9 janvier 1986

ACADEMIC TRAINING Tel. 2844-3364

25, 26, 27, 28 and 29 November

11.00 to 12.00 hrs – Auditorium

Present trends in energy saving

by B. GIOVANNINI / University of Geneva

CHANGE OF DATES

The lectures on

Selected topics in the history of physics

by M. GELL-MANN / CALTECH

have been postponed from December 1985 to May 1986.

LECTURE NOTES (Academic Training Programme)

- Lecture Notes or Copies of Transparencies are distributed to those who attended the lectures
- Extra copies, in limited numbers, may be obtained (in the weeks following lectures)
but only from the SELF-SERVICE shelves at
 - the Main Library (DOC)
 - Building 54, R-005.

ENSEIGNEMENT TECHNIQUE Tél. 4460

Jeudi 28 novembre 1985

9 h.00 à 12 h.00

Salle 11 - bar. 593 (amphi Enseignement)

FORUM TECHNOLOGIQUE

LES LENTILLES AU LITHIUM

Animation : Peter Sievers / SPS

Les lentilles au lithium ont été initialement développées à Novosibirsk (URSS). Elles ont été proposées pour ACOL à la fois pour améliorer la focalisation des protons sur les cibles produisant des antiprotons et pour augmenter l'efficacité de récupération de ces antiprotons. Le développement de ces lentilles a été pris en charge par différents groupes internes et externes au CERN.

Les techniques de construction, ainsi que les procédés et matériaux spéciaux utilisés seront présentés en détail dans ce premier forum qui ne s'adresse pas uniquement aux spécialistes.

INFORMATIONS

GENERALES

GENERAL INFORMATION

KENDREW REPORT

The BBC/Open University has produced a programme on the so-called 'Kendrew Report' which was broadcast on 26 October on BBC-2. A video tape of this 46-minute film called 'Building on Dreams' will be shown to CERN personnel in the Auditorium (Main Building) on Wednesday 27 November at 17.30 hrs.

DG/Public Relations

Tel. 4101

RAPPEL

DIVISION SB / ATELIERS CENTRAUX

Recherchons MARBRE GRANIT avec support, dimensions : $1600 \times 1000 \times 160$ mm (ou dimensions approximatives), précision atelier : 26 microns, afin d'éviter achat extérieur.

Contacteur : K.S. Neil (tél. 5883).

URGENT

Le compteur Cherenkov de NA2 ne sera probablement plus utilisé. Les dimensions de ce compteur sont les suivantes :

fenêtre d'entrée : $1,1 \times 2,4$ m²
fenêtre de sortie : $2,4 \times 5,0$ m²
longueur : 3,4 m.

Il est divisé en 78 cellules et peut être rempli de gaz à la pression atmosphérique.

Toute personne intéressée par l'utilisation de cet appareil doit contacter G. Coignet (LAPP-Annecy, tél. 50 23 32 45) aussitôt que possible.

URGENT

The NA2 Cerenkov Counter will probably not be used anymore. The dimensions of this counter are :

entrance window : 1.1×2.4 m²
exit window : 2.4×5.0 m²
length : 3.4 m.

It consists of 78 cells and can be filled with gas at atmospheric pressure.

Anyone interested in using this apparatus should contact G. Coignet (LAPP-Annecy, tel. 50 23 32 45) as soon as possible.