

Méthodes de travail du Comité de concertation permanent

Les membres du Comité ont estimé que les nouvelles méthodes de travail introduites à l'automne dernier sont satisfaisantes et il a été décidé de les conserver pour l'année 1984/1985.

La prochaine réunion ordinaire du Comité est prévue pour le 12 septembre 1984.

SEMINARS SEMINAIRES

Monday 25 June

EP SEMINAR

at 17.00 hrs – Auditorium

**Results on the ALEPH Model TPC :
the TPC 90**

by A. PEISERT / Max-Planck-Institut, Munich,
and CERN-EP

The chamber has been tested with a laser beam and on cosmic rays in magnetic fields up to 12 kGauss; measurements of three-dimensional resolution will be presented. The deformations due to the influence of electric and magnetic fields and their corrections will be discussed. The measured accuracies agree well with previous results obtained in smaller chambers.

Mardi 26 juin

PRESENTATION TECHNIQUE

09.30 - 16.00 h – bât. 17, salle 1-007

O. ALGE ELEKTRONIK KG (A) propose en exposition son programme de racks 19" (armoires pour installations d'électricité, d'électronique) VARI-RACK entièrement démontable, modulaire, charge jusqu'à 2000 kg.

Langues : allemand, français

Renseignements : M. Diraison / FI / 4585

Tuesday 26 June

CERN COLLOQUIUM

at 16.30 hrs – Auditorium*

**Black holes : the central engine in quasars and
galactic nuclei**

by Martin REES / Institute of Astronomy,
Cambridge

Runaway gravitational collapse in the centres of galaxies can lead to the formation of black holes of millions (or even billions) of solar masses. The lecture will discuss how ultra-hot pair-dominated plasmas around black holes, and associated electromagnetic processes, can generate the observed power from galactic nuclei. The origin and dynamics of the outflowing jets of relativistic plasma observed in cosmic radio sources will also be discussed.

*) Tea and coffee will be provided at 16.00 hrs.

Standing Concertation Committee working procedures

Members of the Committee considered that the new working procedures introduced last Autumn were satisfactory and it was decided to continue them for the 1984/1985 year.

The next regular meeting of the Committee is scheduled to take place on 12 September 1984.

Wednesday 27 June

THEORETICAL SEMINAR

at 14.00 hrs – Theory conference room

**Phase structure and spontaneous breaking of
scale invariance in large N field theories**

by M. MOSHE / Technion, Haifa

Wednesday 27 June

DD SEMINAR

at 16.00 hrs – DD Amphitheatre
(bldg. 31, third floor)

**VIRTUS : a parallel processing
MC 68000 system**

by R. RITTER / Univ. of California, Los Angeles

We report on the development of a system of parallel processing MC68000's that can be used either online as an intelligent trigger component or offline for full event processing. One of the processors will control the event readout in the online mode, and assign events to the processors as they become available. FASTBUS interconnects the microprocessors, experiment data acquisition modules and the Host computer providing for the efficient transfer of data blocks to and from processors. The system is being developed using the GPM-MC68000/10 for the microprocessor modules and a VAX 11/780 for the Host computer. The VIRTUS software system has been designed and work is progressing on coding and testing the software components. The software design provides for an easy to use interface to allow FORTRAN programs to be written for the GPM. This presentation will give an overview and status of the VIRTUS hardware and software system.

Thursday 28 June

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

**Plans and progress on the Tevatron collider
program at Fermilab**

by Roy F. SCHWITTERS / Harvard University
and Fermilab

The talk will cover current plans and activities on the Fermilab 2 TeV proton-antiproton collider project, Tevatron I, including the antiproton source, the Energy Saver ring, and the two detectors planned for the experimental regions at B0 and D0. Particular emphasis will be given to the Collider Detector at Fermilab, CDF, which is being built at the B0 area.

*) Tea and coffee will be provided at 16.00 hrs.

Friday 29 June

ISOLDE SEMINAR

10.00 - 12.00 hrs – Theory conference room

Parity violation in ordinary atoms – A survey

by V.L. TELEGDI / ETH, Zurich, and CERN

Various experimental approaches to the quantitative measurement of parity violation in atoms – cesium, thallium – shall be discussed.

Tuesday 3 July

SPS EXPERIMENTS COMMITTEE

Open session

at 09.00 hrs – Auditorium

Study of high energy densities over extended nuclear volumes via nucleus-nucleus collisions at the SPS (Brookhaven/CERN/Heidelberg/Los Alamos/Lund/Mc Gill-Montreal/Moscow/Novosibirsk/Pittsburgh/Saclay/Syracuse/Tel Aviv Collaboration; H.J. Specht; SPSC 84-43/P 203).

TRAINING AND

EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GÉNÉRAL Tél. 2844

Jeu-di 28 juin

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

REPRISE EN AUTOMNE

ACADEMIC TRAINING Tel. 2844

25, 26, 27 June

11.00 to 12.00 hrs – Auditorium

Searching for the quark-gluon plasma at CERN and elsewhere

by M. GYULASSY / LBL, Berkeley

Lectures 1 to 3

Closed session

Tuesday 3 July at 14.00 hrs – Conf. room
6th floor, Admin. bldg. (to be continued on
Wednesday 4 July at 09.00 hrs).

Wednesday 4 July

CAS ACCELERATOR SEMINAR

at 14.30 hrs – LEP Auditorium
(top floor of bldg. 30)

**Particle acceleration by laser-driven
plasma waves**

by F.F. CHEN / Professor at University of
California, Los Angeles

Thursday 5 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

**New results on baryons with charm
and strangeness**

by K.P. STREIT / Heidelberg University

INFORMATIONS

GENERALES

GENERAL INFORMATION

ADVISORY COMMITTEE OF CERN USERS (ACCU)

The next meeting of ACCU will be held on Monday
2 July 1984 at 14.00 hrs, with the following agenda :

1. Adoption of agenda
2. Apologies for absence
3. Minutes of previous meeting (CERN/ACCU/19)
4. Matters arising from the minutes including
 - a. CERN computing policy
 - b. Access to the site
 - c. Reorganization of workshops
 - d. EDF contract
 - e. Health insurance arrangements for users
 - f. Restaurants
5. Any other business
6. Items for the agenda of the next meeting
7. Date of next meeting

ACCU is the forum for discussion between CERN
management and a representative group of CERN users
to review the practical means taken by CERN for the
work of Users of the Laboratory. User members are :

AUSTRIA

G. Leder

BELGIUM

D. Favart

DENMARK

G. Damgaard

FRANCE

M. Boratav

J. Feltesse