

SEMINARS SEMINAIRES

Monday 6 November

EF SEMINAR

at 11.00 hrs – EF Conference Room
bldg 13, 2-005

The DELPHI TPC : construction, working parameters, performance, and first results

by Dimitri DELIKARIS / CERN-EF

The DELPHI TPC is now working to design specification at LEP. The TPC construction and performance will be reviewed in detail, and the first results from the recent LEP run will be presented.

Monday 6 November

DD SEMINAR

at 16.00 hrs – DD Auditorium
bldg 31, 3-005

IBM and SGML

by Sharon C. ADLER / IBM Publishing
Systems Business Unit

Sharon Adler will speak on the commitment at IBM to delivering products designed to support International Standards, particularly SGML. She will discuss, in general terms, product requirements, possible implementations, and trends and directions in this area. Particular attention will be paid to the current set of SGML products offered by IBM. These include the newly-announced TextWrite SGML data-entry tool running on PS2s, an enhanced version of the SGML translator, now including a mathematics application, and CALS-related products including a TextTagger.

Tuesday 7 November

LEP EXPERIMENTS COMMITTEE

Open session

at 09.00 hrs – Auditorium

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|-------------|---|
| 09.00-09.20 | Introductory remarks
C. Rubbia |
| 09.20-10.20 | Status of LEP
E. Picasso, A. Hofmann, S. Myers |
| 10.20-10.40 | Future programme of SLC
R.E. Taylor |
| 10.40-11.00 | Coffee break |

Reports from experiments on the first physics run

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|-------------|--------|
| 11.00-11.30 | L3 |
| 11.30-12.00 | ALEPH |
| 12.00-12.30 | DELPHI |
| 12.30-13.00 | OPAL |

Closed session

at 14.00 hrs – Conference Room 6th floor

Tuesday 7 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

New particle searches in Z decays using the Mark II at the SLC

by R. VAN KOOTEN / SLAC

Details of analyses to search for new heavy fermions, supersymmetric particles, and long-lived particles using the Mark II detector at the SLC will be discussed. Mass limits on a number of new particles in a variety of decay modes will be presented. In addition, a brief update of the Z boson resonance parameters will be presented.

* Tea & coffee will be served at 16.00 hrs.

Wednesday 8 November

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Qualitative inflationary cosmology

by I. KHALATNIKOV / Landau Institute,
Moscow

Jeudi 9 & vendredi 10 novembre

FORUM DU LOGICIEL DE DESSIN ASSISTÉ PAR ORDINATEUR AUTOCAD

at 09.30 h – Salle du Conseil

9 novembre

Matin : Président H. Wenninger

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|-------|-----------------------------|--|
| 09.30 | Introduction | C. Hauviller |
| 09.45 | AutoCad au CERN | M. Price |
| 10.00 | Les origines d'AutoCad | R. Kuenzli
(Co-auteur
d'AutoCad) |
| 10.20 | Café (Salle des Pas perdus) | |
| 10.40 | Une introduction à AutoCad | M. Bert
(Afitec) |
| 12.00 | Fin de la session | |

Après-midi : Président M. Bert

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|-------|--|---|
| 14.00 | Démonstration d'utilisations
d'AutoCad au CERN (par
ex. : mécanique, électricité,
poster de présentation) | 8 Cernois,
utilisateurs
d'AutoCad |
| 15:20 | Café (Salle des Pas Perdus) | |
| 15:40 | Suite des démonstrations | |
| 16:00 | Formation d' AutoCad Animé | H. Alleyn |
| 17:00 | Fin de la session | |

10 novembre

Matin : Président A. Poncet

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|-------|--|-------------|
| 09.30 | La station AutoCad : Guide
pour débutants | J.-P. Fabre |
|-------|--|-------------|

09.50 Bibliothèques utilitaires M. Mayer
 10.05 Gestionnaires de fichiers J. Pearce
 10.20 Conditions d'achat CERN G. Turcato
 10.30 Café (Salle des Pas perdus)
 10.50 Démonstrations de nouveautés le représentant officiel d'AutoCad

12.00 Fin de la session
 14.00 Démonstration des applications d'AutoCad par des utilisateurs CERN et autres
 17.00 Clôture du forum

En parallèle avec le forum : exposition de matériels et logiciels proposés par différents fournisseurs.

Renseignements : J.-P. Fabre / EF / 2083

Vendredi 10 novembre

PRESENTATION TECHNIQUE

de 09.00 à 16.30 h – bus, parking PTT, bât. 63

ROMANCAL SA (CH), représentant Thermon (USA) spécialiste du 'traçage' (systèmes de réchauffage électrique et par fluide), propose une démonstration de l'utilisation de ses produits : maintien en température par câbles chauffants, par fluides caloporteurs – réchauffage de cuves et réservoirs, d'armatures – ciments thermo-conducteurs – régulations ad hoc.

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

Friday 10 November*

EF SEMINAR

at 11.00 hrs – EF Conference Room
 bldg 13, 2-005

The ALEPH TPC : gas system

by Ivan LEHRAUS / CERN-EF

Operation of the Time Projection Chamber of the ALEPH Experiment at LEP requires a high purity argon/methane gas mixture supplied to the detector under stable conditions to ensure minimum signal attenuation throughout the 43 m³ detector volume (max. 2.2 m drift length) and maintain near-constant electron drift velocity in the gas over extended periods of time. Design considerations for a gas system to fulfil these conditions will be presented and details given of the construction, operational aspects and of the achieved performance.

* Please note that the date has been advanced.

Friday 10 November

MEETING ON

PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Light Higgs particle in the decays of the K and eta-mesons

by M. SHIFMAN / Bern

Tuesday 14 November

TECHNICAL PRESENTATION

09.30 to 16.30 hrs – bldg 6, 2-004

LeCroy (CH/USA) – Exhibition of new product from their range of fast data acquisition instruments

Languages : English, French & Italian

Information : M. Diraison / FI / 4585

Mardi 14 novembre

PRESENTATION TECHNIQUE

de 10 à 12.00 h & de 14.00 à 16.00 h

bât. 73, 2-027

ICARE SA (F), spécialiste de la détection des gaz en air ambiant, de l'analyse et de l'ingénierie sécurité

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

Tuesday 14 November

OPEN MEETING

FOR MICROPROCESSOR USERS

at 14.00 hrs – DD Auditorium

bldg 31, 3-005

The User Group on Microprocessor Support (UGMS) and the PRIAM project have arranged a joint information meeting open to all Microprocessor Users.

Information : P. Ponting / EP or C. Eck / DD.

A leaflet describing PRIAM activities can be obtained prior to the meeting on request to C. Eck.

Tuesday 14 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

The search for cosmic axions

by A. MELISSINOS / University of Rochester & CERN

Wednesday 15 November

DD SEMINAR

at 16.00 hrs – DD Auditorium
bldg 31, 3-005

MATHEMATICA, the standard program for
symbolic computation?

by Bruno AUTIN / CERN-PS

Thursday 16 November

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

The large scale structure of the Universe

by P. SHAVER / ESO

Friday 17 November

CAS ACCELERATOR SEMINAR

JOHN ADAMS' MEMORIAL LECTURE

at 14.30 hrs – Auditorium*

Making beams collide at the SLC

by Roger ERICKSON / SLAC

The SLAC Linear Collider, the first of a new generation of machines for high energy physics, has been brought into full operation this year. Achieving useful luminosity with this machine requires that opposing beams of electrons and positrons be focused to extraordinarily small spots and steered into collision with an unprecedented degree of accuracy. Techniques for guiding and monitoring such beams have been developed and incorporated into routine operations.

* Tea & coffee will be served after the lecture at about 16.00 hrs.

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844-5811

Jeudi 9 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

explications et les commentaires soient accessibles aux personnes n'ayant pas de formation scientifique.

Entrée libre

(Please note that the lecture will be given in FRENCH)

Service des Relations Publiques

Tél. 2722

Mardi 7 novembre

LES SCIENCES AUJOURD'HUI

à 20.00 h précises – Amphithéâtre
(jusqu'à environ 22.00 h)

par R. CARRERAS

Rafel Carreras, responsable du programme d'Enseignement général au CERN, commentera et expliquera un choix d'articles parus récemment dans des revues scientifiques, et qui couvrent l'ensemble des sciences physiques et biologiques ainsi que certains aspects des relations science-société. Une attention particulière est portée au langage et aux notions utilisés afin que les

ACADEMIC TRAINING

Tél. 2844-3364

14, 15, 16 & 17 November

11.00 to 12.00 hrs – Auditorium

More particle physics for non-particle physicists

by M. JACOB / CERN-TH

This new series of lectures will be similar in scope and style to the one presented during the past Academic year and there will be some overlap when presenting the goals and achievements of particle physics. However important questions such as particle physics and the Early Universe, which could not be covered last time due to lack of time, will be presented in full.