

Friday 8 May

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

ZFITTER and its applications to LEP physics

by D.Yu. BARDIN / CERN & JINR, Dubna

The program ZFITTER and its applications to LEP physics will be described. ZFITTER is based on a semi-analytical approach to fermion pair production in e^+e^- annihilation and Bhabha scattering. A flexible treatment of complete $O\alpha$ QED corrections, also including higher orders, allows for three calculational chains with different realistic sets of restrictions in the photon phase space. ZFITTER consists of several branches with varying assumptions on the underlying hard scattering process. The first includes complete $O\alpha$ weak loop corrections with a resummation of leading higher order terms. Alternatively, an ansatz inspired by S-matrix theory, or several model-independent effective Born cross-sections may be convoluted. The program calculates cross-sections, forward-backward asymmetries, AFB, and the final state polarization, l_τ for tau pair production. Various interfaces allow fits to be performed with different sets of free parameters. The comparison of ZFITTER results with other programs will be presented.

POUR / FOR INFORMATION

Université de Genève

Département de Physique Nucléaire et
Corpusculaire
Ecole de Physique, 24, quai Ernest-Ansermet,
1211 Genève 4
Tél. 7026273 ou 7026369

Monday 4 May

PARTICLE PHYSICS SEMINAR

at 16.15 hrs – Stueckelberg Auditorium

Understanding the 'Centauro' cosmic ray events in terms of a phase transition to quark matter

by A. D. PANAGIOTOU / Athens University

A phenomenological model for the production of 'Centauro'-type cosmic ray events, in terms of a phase transition to Quark Matter is developed. The model is then used to estimate, in a self consistent way, several thermodynamic quantities, characterizing the observed 'Centauro' events. We describe also a typical 'Centauro' event, possibly produced in the fragmentation rapidity of a Au+Au central collision at $\sqrt{s} = 200$ A GeV. We suggest several characteristic signatures, based on the released photonic and hadronic contents (energy and multiplicity) and the formation of strange matter globs (strangelets).

Tuesday 12 May

PRESENTATION

at 10.00 hrs – CN Auditorium
bldg 31/3-005

Cutting through complexities : The Data Visualizer

by Digital Graphics, Zurich

Information : Marco Monteforte, Digital Graphics,
Zurich (01-363 7334)

Jeudi 14 mai

PRESENTATION TECHNIQUE

08.30–12.00 h – Salle de Conférence ECP
bât. 13/2-005

*Industrade SA (CH) propose un séminaire sur le thème :
MULTIBUS II STANDARD BUS*

Langue : français

Renseignements : M. Diraison / FI / 4585

EDUCATION SERVICES EDUCATIFS

ACADEMIC TRAINING

Tel. 2844

4 & 5 May

11.00 to 12.00 hrs – Auditorium

High energy accelerators in medicine

by P. MANDRILLON / Laboratoire du Cyclotron,
Nice, France

ENSEIGNEMENT GENERAL

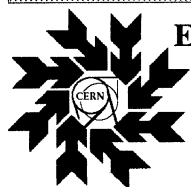
Tél. 5811

Jeudi 7 mai

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

Monique Duval ☎ 44.60
eductech@cernvm

**Please note that 2 places are still available
for the following seminar :**

1 to 5 June 1992
9.00 – 17.00 h

AutoCAD v.11 on PC
Tom Monaghan
Cleveland College

This course is aimed at technical staff who have to design mechanical equipment with personal computers and who wish to be up and running with AutoCAD as soon as possible.

It will cover all the 2D drawing and editing commands, creating blocks, using attributes, digitising, plotting, etc.

The participants are supposed to know the MS-DOS operating system.

A financial contribution of CHF 1.000,- per person will be charged to the divisions.

If you are interested, please fill in the "Application for training" form and send it as soon as possible to the Technical Training Secretariat.

LANGUAGE TRAINING SPECIAL ENGLISH COURSES

MAKING PRESENTATIONS FOR NON-NATIVE ENGLISH SPEAKERS

This four-day course is designed for those who have a reasonable knowledge of spoken English.

Objectives

- to develop the grammar, structure and vocabulary needed for presentations at meetings, seminars, etc.
- to develop confidence when speaking
- to develop an effective and fluent style

Programme

1. Learning the language needed for presentations
2. Video sessions
3. Self-evaluation and suggestions for improvement from the teacher

Dates & Times

18–19 May 1992 : 09.00–12.00 hrs and 13.00–16.00 hrs

1–2 June 1992 : 09.00–12.00 hrs and 13.00–16.00 hrs

Number of hours : 24

Number of participants : 8

Price : 450.– SF

If you are interested, please contact Ulrich Liptow, 2957.

(ADVANCED) WRITING FOR NON-NATIVE ENGLISH SPEAKERS

Two courses have been designed for scientists, technicians, and anyone else interested in improving their technical writing abilities.

As these are 'hands-on' courses, students are encouraged to bring in for correction and discussion material they are currently working on.

FIRST COURSE (2 weeks intensive, 12 hours a week)

Dates & Times

15, 17, 19, 22, 24 & 26 June 1992 : 10.00–12.00 hrs and 13.30–15.30 hrs

Number of hours : 24

Number of participants : 8

Price: 420.– SF

SECOND COURSE (6 weeks, 4 hours a week)

Time

18 May–25 June 1992

Mondays 13.30–15.30 hrs & Thursdays 17.00–19.00 hrs

Number of hours : 24

Number of participants : 8

Price : 420.– SF

If you are interested, please contact Ulrich Liptow, 2957.

To enrol, you should fill in an 'Application for Training' form which may be obtained from your Divisional Secretariat or the 'Users Office' (bldg. 61- R-020).

MANAGEMENT & COMMUNICATION

PLACES DISPONIBLES EN MAI / JUIN - AVAILABILITY IN MAY / JUNE

Madeleine Pincott  3674 am - pincottm@CERNVM

Dates	Séminaires/Seminars	Langue/Language	Durée/Duration
12, 13 May	<i>Supervision in practice</i>	English	2 days
19, 20 mai	Gérer des Hommes au CERN aujourd'hui	français	2 jours
20, 21 May	<i>Managing staff at CERN today</i>	English	2 days
26, 27 mai	Information pour superviseurs	Bilingue	2 jours
1, 2 juin	Techniques d'exposé et de présentation	français	2 jours
2, 3 juin	Gérer des Hommes au CERN aujourd'hui	français	2 jours
11, 12 juin	Les outils de communication dans une équipe	français	2 jours
11, 12 June	<i>Making presentations</i>	English	2 days
15, 16 June	<i>Negotiating skills</i>	English	2 days
16, 17 juin	Les outils de communication dans une équipe	français	2 jours
22, 23 & 29, 30 juin	Communiquer efficacement	français	4 jours
24, 25 juin	Pratique de la supervision	français	2 jours
29, 30 juin	Négociation	français	2 jours

Si vous désirez vous inscrire pour un de ces séminaires prenez contact avec votre responsable hiérarchique et votre DTO.

If you would like to enrol in one of these seminars, please contact your supervisor and your DTO.

INFORMATIONS GENERALES GENERAL INFORMATION

RESTAURANTS SERVICE RESTREINT DES RESTAURANTS LE 1er MAI

Le vendredi 1er mai étant jour férié pour l'Organisation, les restaurants et cafétérias du CERN seront fermés, à l'exception d'un service restreint au Restaurant no 1 (Coop, bâtiment 501) de 07h00 à 22h00 (restauration chaude de 11h30 à 14h00 et de 18h00 à 19h30).

Les restaurants no 2 (DSR) et no 3 (Générale de Restauration) seront fermés le jeudi 30 avril dès 18h00.

Leur réouverture aura lieu le lundi 4 mai aux heures habituelles.

Service de Liaison des Restaurants
Tél. 4469

RESTAURANTS LIMITED RESTAURANT SERVICE ON 1st MAY

As Friday 1 May is a CERN holiday, the restaurants and cafétérias will be closed, except for a limited service at Restaurant N° 1 (COOP, Building 501) from 07.00 to 22.00 hrs (hot meals served from 11.30 to 14.00 hrs and from 18.00 to 19.30 hrs).

Restaurants N° 2 (DSR), and 3 (Générale de Restauration) will be closed from Thursday 30 April at 18.00 hours.

They will re-open at the usual time on Monday 5 May.

Restaurant Liaison Service
Tel. 4469